For Research Use Only

RNH1 Polyclonal antibody

Catalog Number:10345-1-AP

Featured Product

12 Publications

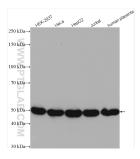


Size: GenetD (NCB): Recommended Distances 150ul., Concentration: 700 ug/mity 690 WB 12000-110000 Source: P13489 WB 12000-110-30 ng of tota protein lysate Source: P13489 HIC ISS-1500 Rabbit Full Name: HIC ISS-1500 Isotype: nbounclease/angiogenin inhibitor 1 IF/ICC 1:200-1:800 IgG Catculated MW: HIC ISS-1500 AG0350 Observed MW: 45-50 NDa AG0350 Observed MW: 45-50 NDa AG0350 Observed MW: 45-50 NDa AG0350 Diserved MW: HEC: 72 Cells, Hela cells, human brain tiss Species Specief Species: HP P: mouse liver tissue, HEX-293T cells, real cells, numan brain tiss Specief Species: HP: mouse liver tissue, HEX-293T cells, real cells, numan brain tiss Notable Publications: WB: HC, IF HepG2 cells, Judace tells, human brain tiss Muman, mouse IP: mouse liver tissue, HEX-293T cells, real tiver the tell throw the cells and may be septimed with citrate barriers of writh trans. Notable Publications: WB: HC, IF HepG2 and tells and may be essential in the control of mRNA degradation and gene expression human RNH gene has been regionally localized to chronasome band 11p15 by in situ hybridizati	Basic Information	Catalog Number: 10345-1-AP	GenBank Accession Number: BC000677		Purification Method: Antigen affinity purification
Nanodop: UNIPROTID: IP 0.5-4.0ug for 1.0-3.0 mg of tota Source: P33499 IP 1.1 Mame: IP 0.5-4.0ug for 1.0-3.0 mg of tota Rabbit Full Name: IP 1.1 Source: IP 0.5-4.0ug for 1.0-3.0 mg of tota Isotype: ribonuclease/angiogenin inhibitor IP 0.5-4.0ug for 1.0-3.0 mg of tota IgG Calculated MW: IP 1.1 Source: IP 0.5-4.0ug for 1.0-3.0 mg of tota IgG Calculated MW: IP 1.1 Source: IP 1.1 Source: IP 1.1 Source: AG0350 Observed MW: 45-50 kDa Observed MW: 45-50 kDa Applications: WB, IHC, IF /ICC, FC (Intra), IP, EUSA VW: IEK-293T cells, HeLa cells, human brain tissue, HeFG2 cells, Jutanen liver tissue, LO2 cells MB, IHC, IF HepG2 cells, Jutat cells, human placenta tissue HepG2 cells, Jutat cells, human placenta tissue Storedet Specificity: IP : mouse liver tissue, HEK-293T cells, second tissue IF/ICC : MCF-7 cells, Note-IHC: suggested antigen retrieval with TE buffer JH 0.0 IF/ICC : MCF-7 cells, Background Information Ribonuclease/ angiogenin inhibitor (RNH, synonyms: RAI, MCCA569, MCC: 18200, MCC 54054) is a protein that tightly to ribonuclease angiogenin inhibitor (RNH, synonyms: RAI, MCCA569, MCC: 18200, MCC 54054) is a protein that tightly to ribonuclease angiogenin in			GeneID (NCBI): 6050 UNIPROT ID: P13489 Full Name:		Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 ug for 1.0-3.0 mg of total
Source: P1349 protein hysice Rabbit Full Name: If C 130-150 Rabbit Full Name: If C 130-150 Isorype: if bhouldcase/angiogenin inhibitor 1 IgG Calculated MW: Immunogen Catalog Number: S0 KDa AG0350 Observed MW: 45-50 KDa Observed MW: 45-50 KDa WB: HEK-293T cells, Hela cells, human brain tiss WB, HC, IF Hep62 cells, Jurkat cells, human brain tisse WB, HC, IF Hep62 cells, Jurkat cells, human placenta tissue, EVE Note-HC: Sugested antigen retrieval with T Etud Species: IF/ICC: MCF-7 cells, Note-HC: sugested antigen retrieval with T Etud Species: IF/ICC: MCF-7 cells, Note-HC: suggested antigen retrieval with T Etud Species: IF/ICC: MCF-7 cells, Note-IHC: suggested antigen retrieval with T Etud Species: IF/ICC: MCF-7 cells, Note-IHC: suggested antigen retrieval with T Etud Species: IF/ICC: MCF-7 cells, Note-IHC: suggested antigen retrieval with T Etud Species: IF/ICC: MCF-7 cells, Note-IHC: suggested antigen retrieval with T Etud Species: IF/ICC: MCF-7 cells, <t< td=""><td rowspan="2"></td><td rowspan="5">Nanodrop; Source: Rabbit Isotype:</td></t<>		Nanodrop; Source: Rabbit Isotype:			
Nabbit Full Name: IFC 150-1500 Isotype: rbonuclease/ angiogenin inhibitor 1 IFC 150-1500 Isotype: rbonuclease/ angiogenin inhibitor 1 IFC 150-1500 IgG Calculated MW: S0 Kba AG0350 Observed MW: 45-50 Kba AG0510 Tested Applications: WB: HEK-293T cells, HeLa cells, human brain tiss WB, HC, IF HegG2 cells, Jurkat cells, human brain tisse, L02 cells WB, HC, IF HegG2 cells, Jurkat cells, human placenta tissue, D2 cells Species Specificity: IP: mouse liver tissue, HEK-293T cells, rat liver ti human, mouse, rat IHC :: mouse liver tissue, HEK-293T cells, rat liver ti Cited Species: IHC :: mouse liver tissue, BEK-293T cells, rat liver ti human, mouse IF/ICC :: MCF-7 cells, Note-IHC :: suggested antigen retrieval with ft to buffer pH 6.0 IF/ICC :: MCF-7 cells, Background Information Ribonuclease/ angiogenin inhibitor (RNH, synonyms: RAI, MCC 4569, MCC 18200, MCC 5405A) is a protein that tightly to ribonuclease/ angiogenin linhibitor (RNH agenetation and gene expression human RNH gene has been regionally localized to chromosome band 11p15 by in situ hybridization. Notable Publications Author Pubmed ID Journal Application Yasutoshi Akiyama<					
Nation Full Name: IF/ICC 1:200-1:800 Isotype: ibox(aces/argiogenin inhibitor 1 IF/ICC 1:200-1:800 IgG Calculated MW: Immunogen Catalog Number: 50 Kba AG0350 Observed NW: 45-50 Kba AG0550 Observed NW: 45-50 Kba Agosso Cited Applications: HepG2 cells, Jurkat cells, human placenta tissue Muman, mouse, rat IHC: mouse liver tissue, HEK-293T cells, rat liver tissue, HEK-293T cells, rat liver tissue, HEK-293T cells, rat liver tissue, Heffer pH 3.0; (*) Alternatively, antigen retrieval with citrate IHC: mouse liver tissue, HEK-293T cells, rat liver tistue, there are tightly to ribonuclease/ angiogenin inhibitor (RNH, synonyms: RAI, MGC 4569, MGC 18200, MGC 54054) is a protein that tightly toribonuclease/ angiogenin inhibitor (RNH, synonym					
IgG Calculated MW: Immunogen Catalog Number: 50 kDa AG0350 Observed MW: 4S-50 kDa Observed MW: 4S-50 kDa WB: HC, IF/ICC, FC (Intra), IP, EUSA Cited Applications: WB: HC, IF/ICC, FC (Intra), IP, EUSA Cited Applications: WB: HEK.293T cells, Hela cells, human brain tissue, L02 cells WB, IHC, IF Species Specificity: Human, mouse, rat IP: mouse liver tissue, HEK-293T cells, rat liver ti Monte-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with are traised and gene expression human RNH gene has been regionally localized to chronosem band 11p1s by in situ hybridization. Notable Publications Author Pubmed ID Journal Application Yasutoshi Akiyama 3530117 Front Mol Biosci WB Yasutoshi Akiyama 2501244 Proc Natl Acad Sci U S A WB Storage Storage User Storage Storage User Storage					IF/ICC 1:200-1:800
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AG0350 Observed MW: 45-50 kDa Applications Positive Controls: WB, HC, IF/ICC, FC (Intra), IP, ELISA Cited Applications: WB, HC, IF WB: HEK-293T cells, Hela cells, human brain tiss HepG2 cells, Jurkat cells, human placenta tissue Species Specificity: human, mouse, rat Cited Species: human, mouse WB: HEK-293T cells, Hela cells, human brain tiss HepG2 cells, Jurkat cells, human placenta tissue Background Information Ribonuclease/ angiogenin inhibitor (RNH; synonyms: RAI, MCCA569, MGC18200, MGC54054) is a protein that b tightly to ribonucleases in cells and may be essential in the control of mRNA degradation and gene expression human RNH gene has been regionally localized to chromosome band 11p15 by in situ hybridization. Notable Publications Author Pubmed ID Journal Application Notable Publications Author Pubmed ID Journal Application Yasutoshi Akiyama 36361884 Int J Mol Sci WB Yasutoshi Akiyama 35300117 Front Mol Biosci WB Shorage Storage Storage buffer: PS with 002% sodium azide and 50% glycerol pH 7.3. PS		•			
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human, mouse, rat IHC : mouse liver tissue, Cited Species: IHC : mouse liver tissue, human, mouse IF/ICC : MCF-7 cells, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information Ribonuclease/ angiogenin inhibitor (RNH, synonyms: RAI, MGC 4569, MGC 18200, MGC 54054) is a protein that b tightly to ribonucleases in cells and may be essential in the control of mRNA degradation and gene expression human RNH gene has been regionally localized to chromosome band 11p15 by in situ hybridization. Notable Publications Author Yasutoshi Akiyama 36361884 Yasutoshi Akiyama 35300117 Shozo Honda 26124144 Proc Natl Acad Sci U S A WB Shozo Bonda 26124144 Proc Natl Acad Sci U S A WB Storage Storage Buffer; PBS with 0.029% sodium azide and 50% glycerol pH 7.3.					
Cited Species: human, mouse IF/ICC : MCF-7 cells, Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Background Information Ribonuclease/ angiogenin inhibitor (RNH, synonyms: RAI, MGC 4569, MGC 18200, MGC 54054) is a protein that b tightly to ribonucleases in cells and may be essential in the control of mRNA degradation and gene expression human RNH gene has been regionally localized to chromosome band 11p15 by in situ hybridization. Notable Publications Author Pubmed ID Journal Application WB Yasutoshi Akiyama 36361884 Int J Mol Sci WB Storage Storage: Storage 2: Stora at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Storage UF				IP : mouse liv	er tissue, HEK-293T cells, rat liver tissu
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Aliquoting is unnecessary for -20°C storage	Storage	Store at -20°C. Stable for one year af Storage Buffer:		73.	
*** 20ul sizes contain 0.1% BSA	Storage	Store at -20°C. Stable for one year af Storage Buffer: PBS with 0.02% sodium azide and 50	% glycerol pH	7.3.	

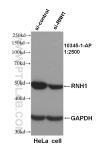
For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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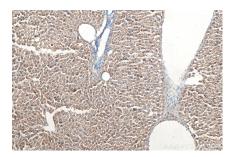
Selected Validation Data



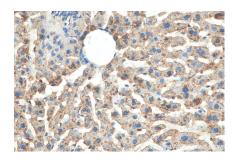
Various lysates were subjected to SDS PAGE followed by western blot with 10345-1-AP (RNH1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



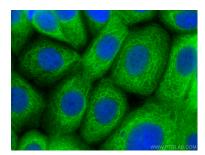
WB result of RNH1 antibody (10345-1-AP, 1:2500) with si-control and si-RNH1 transfected HeLa cells.



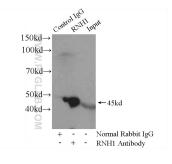
Immunohistochemical analysis of paraffinembedded mouse liver tissue slide using 10345-1-AP (RNH1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



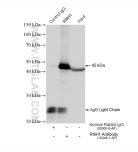
Immunohistochemical analysis of paraffinembedded mouse liver tissue slide using 10345-1-AP (RNH1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



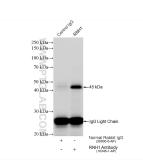
Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using RNH1 antibody (10345-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



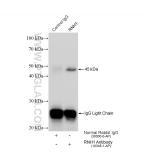
IP result of anti-RNH1 (IP:10345-1-AP, 4ug; Detection:10345-1-AP 1:500) with mouse liver tissue lysate 6400ug.



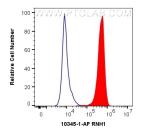
IP result of anti-RNH1 (IP:10345-1-AP, 4ug; Detection:10345-1-AP 1:8000) with HEK-293T cells lysate 2040 ug.



IP result of anti-RNH1 (IP:10345-1-AP, 4ug; Detection:10345-1-AP 1:8000) with mouse liver tissue lysate 1840 ug.



IP result of anti-RNH1 (IP:10345-1-AP, 4ug; Detection:10345-1-AP 1:8000) with rat liver tissue lysate 5520 ug.



1X10^6 MCF-7 cells were intracellularly stained with 0.4 ug Anti-Human RNH1 (10345-1-AP) and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).