For Research Use Only

iNOS Polyclonal antibody Catalog Number: 18985-1-AP Featured Product

Featured Product

866 Publications



Size: GeneID (NCB)): Recommended Dilutions: 150ul, Concentration: 1200 ug/ml by 4843 WB: 1500-14000 Nanodors: UNPROT ID: IF/IC: 150-1500 Source: P55228 IF/IC: 150-1500 Rabbit Full Name: 100 µl suspension Isotype: nitric oxide synthase 2, inducible 100 µl suspension IgG Calculated MW: 110-130 kDa, 65-70 kDa Applications: WB, IF/ICC, FC (Intra), ELISA WB: mouse liver tissue, rat liver tissue Cited Applications: WB, IF/ICC, FC (Intra), P, ELISA VB: mouse liver tissue, rat liver tissue Species Specificity: FC (Intra) if P, ELISA FC (Intra) if HepG2 cells, HeLa cells MB, IF, FC (Intra), P, ELISA FC (Intra) if HepG2 cells, S FC (Intra) if HepG2 cells, HeLa cells Species Specificity: human, mouse, rat FC (Intra) if HepG2 cells, S Secies and thick acts as a biologic mediator in serveral p NDS2, also named as iNOS and NOS2A, produces nitric oxide (NO) which is a messenger molecule with d functions throughout the body. NO is a reactive free radical which acts as a biologic mediator in serveral p Including meutoranmission, antimicrobial and antitumoral activities. NOS2 is a nitic oxide synthase we expressed in liver and is inducible by a combination of lipopolysaccharide and		Catalog Number: 18985-1-AP	y 4843 UNIPROT ID: P35228 Full Name: nitric oxide synthase 2, inducible		WB: 1:500-1:4000 IF/ICC: 1:50-1:500 FC (Intra): 0.40 ug per 10^6 cells in a
Nanodrop: UNIPROT ID: IF/ICC: 1:50-1:500 Source: PS5228 FC [Intra]: 0.40 ug per 10% 6c Rabbit Full Name: 100 µl suspension ISotype: nitric roide synthase 2, inducible 100 µl suspension IgG Calculated MW: 131 kDa 0bserved MW: 110-130 kDa, 65-70 kDa Tested Applications: Positive Controls: WB, IF/ICC, FC (Intra), ELSA WB: mouse liver tissue, rat liver tissue Cited Applications: WB: FC (C: HepG2 cells, HeLa cells Species Specificity: FC (Intra): P.ELSA FC (Intra): HepG2 cells, HeLa cells Numan, mouse, rat Cited Species: human, mouse, rat FC (Intra): HepG2 cells, HeLa cells Numan, mouse, rat pig, chicken, bovine NOS2; a son named as iNOS and NOS2A, produces nitric oxide (NO) which is a messenger molecule with d Background Information NOS2, also named as iNOS and NOS2A, produces nitric oxide (NO) which is a direct substrate of calpain 1 and calculate by a combination of Uppolysaccharide and aretian cytokines. INOS 5 is a nitric oxide and eratin cytokines. INOS 5 is a nitric oxide synthase and calpain 1 and calculate by a combination of Uppolysaccharide and eration synchronise. INOS 5, and then a -70 kDa band can detected by western (PMID:11786228). This antibody is specific to NOS2. Notable Publications Author Pubmed ID <t< td=""><td></td><td rowspan="8">Size: 150ul, Concentration: 1200 ug/ml by Nanodrop; Source: Rabbit Isotype:</td></t<>		Size: 150ul, Concentration: 1200 ug/ml by Nanodrop; Source: Rabbit Isotype:			
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		Lin-Tao Xu 3460	1084 J Ethn	opharmacol	WB
Haoyu Guo 36201949 Biomaterials IF		Yan Yang 3458	2523 Bioma	iter Sci	IF
		Наоуи Guo 3620	1949 Bioma	iterials	IF
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Aliquoting is unnecessary for -20°C storage	orage	Storage Buffer:	% glycerol, pH7.3		
*** 20ul sizes contain 0.1% BSA		Storage Buffer: PBS with 0.02% sodium azide and 50%			

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in 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 18985-1-AP (iNOS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of iNOS antibody (18985-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-iNOS transfected HeLa cells.



1X10^6 HepG2 cells were intracellularly stained with 0.4 ug Anti-Human iNOS (18985-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using iNOS antibody (18985-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).