For Research Use Only

RBP4 Monoclonal antibody

Catalog Number:66104-1-lg 1 Publications



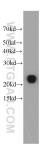
Size: GeneID (NCB): CloneNo:: 1504. 1504. Concentration: 2100 ug/m by \$950 D12B11 Nanodrop and 2123 ug/m by Bradford up/POT ID: Recommended Diutions: WB 11000-18000 Source: Full Name: Full Name: Recommended Diutions: Mouse retinol binding protein 4, plasma III: 1200-15000 Licotype: Clocklated MW: 23 kDa AC19295 23 kDa Diserved MW: AC19295 23 kDa Positive Controls: WB High Clocklased MW: WB: Human Blood, dissue Ummangen Classing Number: Observed MW: 23 kDa Species Specificity: High Clocklased MW: High Classe, human liver dissue, buffer pH 3.0; 'I Altenatively, ontigen retrieval with first beproves and adpocytes as a 21 kDa none givcosystaet protein, BPA i second at use 32 and the outputs, ontigen retrieval with clitrate Background Information BBP4 (retinol-binding protein 4) is a carrier protein that transports vitamin A (retinol) from the liver to the periphristseed primarily by hepatocytes and adpocytes as a 21 kDa none givcosystaet protein, BPA i second at use 32 and use 150, exists proteins of BPA, 48 Adv. United at 120 second at use 32 and use 150, exists proteins of BPA, 48 Adv. Humanet 4 second at use 32 and 10 proteins 4 lis a carrier protein that transports vi	Basic Information	Catalog Number: 66104-1-lg	GenBank Accession Number: BC020633	Purification Method: Protein A purification
1504. Concentration: 2100 ug/m by Bradford, UNIPOT ID: method using BSA as the standard; P02753 D122811 Nanodop and 1231 ug/m by Bradford, UNIPOT ID: method using BSA as the standard; P02753 WB 13000-12000 Source: Full Name: Mouse Full Name: retirol binding protein 4, plasma INF 1200-12000 Isotype: Calculated MW: 1gG2a 201 a, 23 kDa INF 1200-12000 Isotype: Calculated MW: 1gG2a 201 a, 23 kDa INF 1200-12000 Immunogen Catalog Number: Observed MW: 23 kDa WB: Human Blood, tissue Isotype: Calculated MW: 1gG2a 201 a, 23 kDa Ac193935 23 kDa WB: Human Blood, tissue Itel Applications: WB: Human Blood, tissue WB IHC: human liver cancer tissue, human liver tissue WB IF/ICC: HepG2 cells, VB Species Specificity: human IF/ICC: HepG2 cells, Pj8 Note-IHC: suggested antigen retrieval with TE buffer pH 5.0 VB is a carrier protein that transports vitamin A (retinol) from the liver to the periph buffer pH 5.0 Background Information RBP4 (retinol-binding protein 4) is a carrier protein that transports vitamin A (retinol) from the liver to the periph buffer pH 5.0 Background Information RBP4 (retinol-binding protein 4) is a carrier protein that transports vitamin A (retinol) from the liver to the periph buffer pH 5.0 Background Information RBP4 (retinol-binding		Size:	GenelD (NCBI):	CloneNo.:
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Mouse retinol binding protein 4, plasma IF-P.1230-15000 Isotype: Calculated MW: 201a, 23 5 k0 a Immunogen Catalog Number: Observed MW: 23 kDa Applications Tested Applications: WB: Human Blood, tissue WB IHC: human liver cancer tissue, human liver tissue VB IHC: human liver cancer tissue, human liver tissue Pig Species Specificity: IH-P.2: human liver cancer tissue, human liver tissue Pig Note-IHC: suggested antigen retrieval with TF beQ2 cells, Tetried Species: Pig 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 RBP4 (retinol-binding protein 4) is a carrier protein that transports vitamin A (retinol) from the liver to the periph tissue. Synthesized primarily by hepatocytes and adjocytes at a 21 kDa non glycosylated protein, RBP4 is servert into the urine to accurulate in the serum during renal failure. Urinay RBP4 his servert proteolytic process. RBP4-1 and RBP4-1 (bincated at LU-18) as a carrier protein that transports vitamin A (retinol) from the liver to the periph tissue. Synthesized primarily by hepatocytes and adjocytes at a 21 kDa non glycosylated protein, RBP4 is servered into the urine bid accurulate in the serum during renal failure. Urinay RBP4 his servered into the urine bid accurulate in the serum during renal failure. Urinay RBP4 his seremored into the urine bid accordinate at L183 S		Source:		
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IgG2a 201 aa, 23 kDa Immunogen Catalog Number: Observed MW: Ag3235 23 kDa Applications: VB WB, HKC, IF-P, ELSA WB + Human Blood, tissue Cited Applications: HC : human liver cancer tissue, human liver tissue WB Species Specificity: IF-P: human liver cancer tissue, human liver tissue Pig Note-HEG: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval with tissues synthesized primarity by hepatocytes and adipocytes as a 21 kDa non-glycoxylated protein, R8P.4 is secreted into the circulation as a retrior. R8P.4 is non-glycoxylated protein, R8P.4 is secreted into the circulation as a retrior. R8P.4 as a solid body to sa a 21 kDa non-glycoxylated protein, R8P.4 is secreted into the circulation as a retrior. R8P.4 as a solid body to sa a 21 kDa non-glycoxylated protein, R8P.4 is secreted into the circulation as a retrior. R8P.4 as was identified as an adapticit (Iruncated at Live. 202 and		Isotype:		IF/ICC 1:1500-1:6000
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*** 20ul sizes contain 0.1% BSA	Notable Publications	RBP4 (retinol-binding protein 4) is a c tissues. Synthesized primarily by hep secreted into the circulation as a retir transthyretin (TRR), which prevents pr 183) and RBP4-LL (truncated at Leu-18 bind TTR, are normally excreted into the been reported as marker for glomerul INS-resistant states. Measurement of obesity, and cardiovascular disease. (Author Put Qingbing Han 395 Storage: Storage Buffer: PBS with 0.02% sodium azide and 500	atocytes and adipocytes as a 21 kD nol-RBP4 complex. In plasma the RE revent kidney filtration. Two trunca 22 and Leu-183), exist by proteolytic the urine but accumulate in the sen ar disease. RBP4 also was identifie serum RBP4 could be used to assess (18752671, 16034410) med ID Journal 500783 Commun Biol er shipment. % glycerol pH 7.3.	a non-glycosylated protein, RBP4 is P4-retinol complex is bound to ted forms of RBP4, RBP4-L (truncated at Leu process. RBP4-L and RBP4-LL, which do nor um during renal failure. Urinary RBP4 has d as an adipokine that elevated in some the risk of INS resistance, type 2 diabetes Application

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

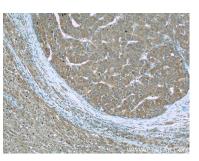
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

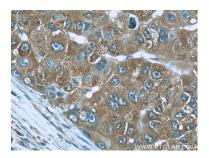
for 1.5 hours.



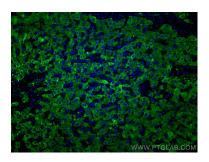
human blood were subjected to SDS PAGE followed by western blot with 66104-1-Ig (RBP4 antibody) at dilution of 1:4000 incubated at room temperature



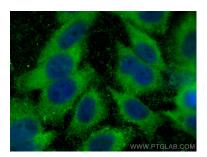
Immunohistochemical analysis of paraffinembedded human liver cancer slide using 66104-1-Ig (RBP4 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffinembedded human liver cancer slide using 66104-1-Ig (RBP4 Antibody) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using RBP4 antibody (66104-1-Ig, Clone: 1D12B11) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using RBP4 antibody (66104-1-lg, Clone: 1D12B11) at dilution of 1:3000 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).