

Mouse anti-Human RBP4 Monoclonal Antibody | anti-RBP4 antibody

RBP4 Monoclonal Antibody

CATALOG # AAA308409	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

RBP4; Monoclonal Antibody; RBP4 Monoclonal Antibody; Plasma retinol-binding protein; PRBP; RBP; PRO2222; anti-RBP4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Specific for native and denatured forms
Purity/Purification	Protein G Purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-RBP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Retinol-binding protein 4 protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human nephridial tissue using at dilution of 1:200.



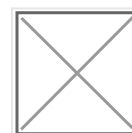
IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded human hepatic tissue using at dilution of 1:200.



WB (Western Blot)

All lanes: Mouse anti- human Retinol-binding protein 4 monoclonal antibody at 0.3ug/ml



WB (Western Blot)

All lanes: Mouse anti- human Retinol-binding protein 4 monoclonal antibody at 0.3ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-RBP4 antibody	Retinol (Vitamin A) is transported in the blood bound to its carrier protein, retinol-binding protein (RBP), also designated plasma retinol-binding protein (PRBP) or RBP4. A member of the lipocalin family, RBP conveys retinol from stores in the liver to peripheral tissues. In plasma, RBP binds transthyretin (TTR, formerly called prealbumin) to prevent glomerular filtration of low molecular weight RBP in the kidneys. The stability of this complex holds importance because the molar ratio of RBP:TTR provides an indirect way to indicate marginal vitamin A deficiency. Vitamin A deficiency blocks the secretion of RBP resulting in defective delivery and supply to epidermal cells.Originally identified solely as a transporter protein, recent studies correlating increased levels of RBP expression in adipose tissue with insulin resistance have generated research into the possible roles the protein may play in the pathogenesis of type 2 diabetes and obesity.
Product Categories/Family for anti-RBP4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743122
NCBI GeneID	5950
NCBI Accession #	NP_006735.2
NCBI GenBank Nucleotide #	NM_006744.3
UniProt Accession #	P02753; O43478; O43479; Q5VY24; Q8WWA3; Q9P178; D3DR38
Molecular Weight	23,010 Da
NCBI Official Full Name	retinol-binding protein 4
NCBI Official Synonym Full Names	retinol binding protein 4
NCBI Official Symbol	RBP4
NCBI Official Synonym Symbols	RDCCAS; MCOPCB10
NCBI Protein Information	retinol-binding protein 4
UniProt Protein Name	Retinol-binding protein 4
UniProt Gene Name	RBP4
UniProt Synonym Gene Names	PRBP; RBP
UniProt Entry Name	RET4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/rbp4-antibody-immunohistochemistry-western-blot-elisa/308409>