

Mouse RBP4 Monoclonal Antibody | anti-RBP4 antibody

Mouse monoclonal RBP4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA224667	Mouse	Specific for Human plasma RBP4. Recognizes free RBP4 in complex with transthyretin. Reacts with apo- and holo-RBP4.	Western Blot, ELISA

PRODUCT SYNONYMS

RBP4; Monoclonal Antibody; Mouse monoclonal RBP4 antibody; Monoclonal RBP4 antibody; anti RBP4 antibody; RBP 4; RBP 4 antibody; RBP-4 antibody; RBP-4; Retinol binding protein 4 antibody; anti-RBP4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Specific for Human plasma RBP4. Recognizes free RBP4 in complex with transthyretin. Reacts with apo- and holo-RBP4.
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M18612RB4
Specificity	Human RBP4
Purity/Purification	Purified by Protein A chromatography.
Form/Format	Protein A purified liquid in PBS, pH 7.4, with 0.09% Sodium Azide.
Concentration	7.3mg/ml (varies by lot)
Sequence Length	199
Applicable Applications for anti-RBP4 antibody	WB (Western Blot), IA (Immunoassay), ELISA
Immunogen	Human recombinant RBP4
Biohazard Information	This product is sold as an antibody preparation for research use only. Standard Laboratory Practices should be followed when handling this material. Contains sodium azide (0.1 %) as preservative. Although the amount of sodium azide is very small appropri.
Biological Significance	RBP4 belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin, which prevents its loss by filtration through the kidney glomeruli. A deficiency of vitamin A blocks secretion of the binding protein posttranslationally and results in defective delivery and supply to the epidermal cells.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RBP4 antibody	Nutrition & Metabolism
--	------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	1021312411
-----------	------------

NCBI GeneID	5950
NCBI Accession #	NP_001310447.1
NCBI GenBank Nucleotide #	NM_001323518.1
UniProt Accession #	P02753; O43478; O43479; Q5VY24; Q8WWA3; Q9P178; D3DR38
NCBI Official Full Name	retinol-binding protein 4 isoform b
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

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-clone-m18612rb4-western-blot-immunoassay-elisa/224667>