Mouse RBP1 Monoclonal Antibody | anti-RBP1 antibody

RBP1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106961	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

RBP1; Monoclonal Antibody; RBP1 antibody; Monoclonal RBP1; Anti-RBP1; Retinol Binding Protein 1 Cellular; CRABP-I; CRBP; CRBP1; RBPC; RBP 1; RBP-1; anti-RBP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2H3
Purity/Purification	RBP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	197
Applicable Applications for anti-RBP1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	RBP1 is the carrier protein involved in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision.
Cross-Reactivity	Human
Immunogen	RBP1 antibody was raised in mouse using a full length recombinant protein of human RBP1 (NP_002890) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant RBP1 protein using RBP1 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of RBP1 protein in paraffin embedded Human ovary tissue using RBP1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RBP1 protein (Right) or empty vector (Left) detected with RBP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RBP1 antibody	Mouse monoclonal RBP1 antibody
Product Categories/Family for anti-RBP1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	195976807
NCBI GeneID	5947
NCBI Accession #	NP_002890
NCBI GenBank Nucleotide #	NM_002899.3
UniProt Accession #	P09455; Q6FGX8; A8K2Q0; B7Z7A0; E7EWV0; F2Z2F2
Molecular Weight	17,523 Da
NCBI Official Full Name	retinol-binding protein 1 isoform a
NCBI Official Synonym Full Names	retinol binding protein 1, cellular
NCBI Official Symbol	RBP1
NCBI Official Synonym Symbols	CRBP; RBPC; CRBP1; CRBPI; CRABP-I
NCBI Protein Information	retinol-binding protein 1
UniProt Protein Name	Retinol-binding protein 1
UniProt Gene Name	**RBP1**
UniProt Synonym Gene Names	CRBP1; CRBP; CRBP-I
UniProt Entry Name	RET1_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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/rbp1-antibody-clone-2h3-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106961