

Mouse RLBP1 Monoclonal Antibody | anti-RLBP1 antibody

RLBP1 antibody

CATALOG # AAA107222	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry
-------------------------------	----------------------	---

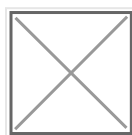
PRODUCT SYNONYMS

RLBP1; Monoclonal Antibody; RLBP1 antibody; Monoclonal RLBP1; Anti-RLBP1; CRALBP; MGC3663; RLBP 1; RLBP-1; anti-RLBP1 antibody

PRODUCT SPECIFICATIONS

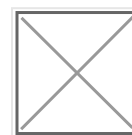
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1G6
Purity/Purification	RLBP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	317
Applicable Applications for anti-RLBP1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Biological Significance	The protein encoded by this gene is a 36-kD water-soluble protein which carries 11-cis-retinaldehyde or 11-cis-retinal as physiologic ligands. It may be a functional component of the visual cycle. Mutations of this gene have been associated with severe rod-cone dystrophy, Bothnia dystrophy (nonsyndromic autosomal recessive retinitis pigmentosa) and retinitis punctata albescens.
Cross-Reactivity	Human
Immunogen	RLBP1 antibody was raised in Mouse using full length human recombinant protein of human RLBP1 produced in HEK293T cell 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



IHC (Immunohistochemistry)

Immunohistochemical analysis of RLBP1 protein in paraffin embedded Carcinoma of Human prostate tissue using RLBP1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RLBP1 protein (Right) or empty vector (Left) detected with RLBP1 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant RLBP1 protein (red) or empty vector (blue) stained using RLBP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RLBP1 antibody	Mouse monoclonal RLBP1 antibody
Product Categories/Family for anti-RLBP1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506541
NCBI GeneID	6017
NCBI Accession #	NP_000317.1
NCBI GenBank Nucleotide #	NM_000326.4
UniProt Accession #	P12271; B2R667
Molecular Weight	36,474 Da
NCBI Official Full Name	retinaldehyde-binding protein 1
NCBI Official Synonym Full Names	retinaldehyde binding protein 1
NCBI Official Symbol	RLBP1
NCBI Official Synonym Symbols	CRALBP
NCBI Protein Information	retinaldehyde-binding protein 1
UniProt Protein Name	Retinaldehyde-binding protein 1
UniProt Gene Name	RLBP1
UniProt Synonym Gene Names	CRALBP
UniProt Entry Name	RLBP1_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/rlbp1-antibody-clone-1g6-western-blot-flow-cytometry-immunohistochemistry-elisa/107222>