

Rabbit RLBP1 Polyclonal Antibody | anti-RLBP1 antibody

RLBP1 Antibody

CATALOG # AAA323289	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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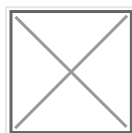
PRODUCT SYNONYMS

RLBP1; Polyclonal Antibody; RLBP1 Antibody; Cellular retinaldehyde binding protein 1; Cellular retinaldehyde binding protein; Cellular retinaldehyde-binding protein; MGC3663; Retinaldehyde binding protein 1; Retinaldehyde-binding protein 1; RLBP 1; RLBP1_HUMAN; anti-RLBP1 antibody

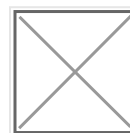
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RLBP1 antibody detects endogenous levels of RLBP1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	317
Applicable Applications for anti-RLBP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RLBP1.
Subcellular Location	Cytoplasm.
Tissue Specificity	Retina and pineal gland. Not present in photoreceptor cells but is expressed abundantly in the adjacent retinal pigment epithelium (RPE) and in the Mueller glial cells of the retina.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (90%), Bovine (90%), Horse (90%), Sheep (90%), Rabbit (90%), Dog (90%), Chicken (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of HepG2 cells, using RLBP1 antibody.


IHC (Immunohistochemistry)

AAA323289 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-RLBP1 antibody	Function: Soluble retinoid carrier essential the proper function of both rod and cone photoreceptors. Participates in the regeneration of active 11-cis-retinol and 11-cis-retinaldehyde, from the inactive 11-trans products of the rhodopsin photocycle and in the de novo synthesis of these retinoids from 11-trans metabolic precursors. The cycling of retinoids between photoreceptor and adjacent pigment epithelium cells is known as the 'visual cycle'.
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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	Observed: 36 kDa Predicted: 37 kDa
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

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/polyclonal/rlbp1-antibody-immunohistochemistry-western-blot-elisa/323289>