

Rabbit RBP4 Polyclonal Antibody | anti-RBP4 antibody

RBP4 antibody - N-terminal region

CATALOG # AAA198947	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

RBP4; Polyclonal Antibody; RBP4 antibody - N-terminal region; anti-RBP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MK VVWALLLLAA LGSGRAERDC RVSSFRVKEN FDKARFSGTW YAMAKKDP
Sequence Length	201
Applicable Applications for anti-RBP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 85%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Yeast: 90%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RBP4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-RBP4 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:312500
Positive Control: Human Stomach



IHC (Immunohistochemistry)

Rabbit Anti-RBP4 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue
Observed Staining: Cytoplasm in Kupffer cells and sinusoids
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-RBP4 antibody

This is a rabbit polyclonal antibody against RBP4. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: This protein 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

Product Categories/Family for anti-RBP4 antibody

Polyclonal; Signal Proteins; Drugs and Drug Metabolism; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	55743122
NCBI GeneID	5950
NCBI Accession #	NP_006735
NCBI GenBank Nucleotide #	NM_006744
UniProt Accession #	P02753
Molecular Weight	21kDa
NCBI Official Full Name	retinol-binding protein 4 isoform a
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rbp4-antibody-immunohistochemistry-western-blot-elisa/198947>