

Rabbit RPE Polyclonal Antibody | anti-RPE antibody

RPE antibody - N-terminal region

CATALOG # AAA200654	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

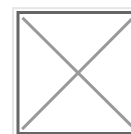
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AL IKDIRENGMK SCSVTQAEVQ WHSQGPLQVG LAIKPGTSVE YLAPWANQ
Sequence Length	178
Applicable Applications for anti-RPE antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RPE
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



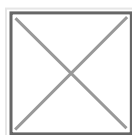
WB (Western Blot)

WB Suggested Anti-RPE Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: ACHN cell lysate
RPE is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells



IHC (Immunohistochemistry)

Rabbit Anti-RPE antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Heart
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-RPE Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver
Observed Staining: Cytoplasm in hepatocytes, strong signal, wide tissue distribution
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-RPE antibody	This is a rabbit polyclonal antibody against RPE. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The function of this protein remains unknown.
Product Categories/Family for anti-RPE antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	24307923
NCBI GeneID	6120
NCBI Accession #	NP_008847
NCBI GenBank Nucleotide #	NM_006916
UniProt Accession #	Q53TV9; Q96AT9
Molecular Weight	19kDa
NCBI Official Full Name	ribulose-phosphate 3-epimerase isoform 2
NCBI Official Synonym Full Names	ribulose-5-phosphate-3-epimerase
NCBI Official Symbol	RPE
NCBI Official Synonym Symbols	RPE2-1
NCBI Protein Information	ribulose-phosphate 3-epimerase

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/polyclonal/rpe-antibody-western-blot-immunohistochemistry-elisa/200654>