

Rabbit RPIA Polyclonal Antibody | anti-RPIA antibody

RPIA antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200504	Rabbit	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit	Western Blot

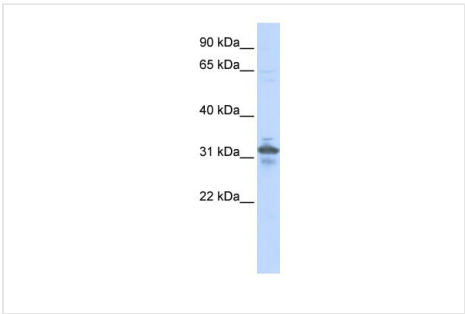
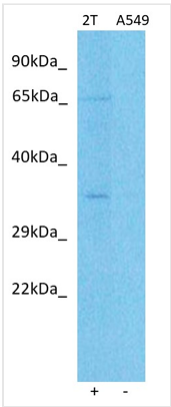
PRODUCT SYNONYMS

RPIA; Polyclonal Antibody; RPIA antibody - N-terminal region; Ribose 5-phosphate isomerase A; anti-RPIA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
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.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: MQ RGPFPSTLYG RVLAPLPGRA GGAASGGGGN SWDLPGSHVR LPGRAQSG
Sequence Length	311 amino acids
Applicable Applications for anti-RPIA antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RPIA
Protein Interactions	RNF208; CENPP; FOXP2; ATPAF2; WDYHV1; GORASP2; TXN2; STK16; PTPN11; PCMT1; UBC; ELAVL1; LNX1; NIF3L1; VTA1; FXR2; RPIA;
Sample Type Confirmation	RPIA is supported by BioGPS gene expression data to be expressed in HEK293T
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-RPIA Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: 293T cell lysateRPIA is supported by BioGPS gene expression data to be expressed in HEK293T

WB (Western Blot)
Host: RabbitTarget: RPIAPositive control(+): 293T CellLysate (2T)Negative control(-): A549 CellLysate (N03)Antibody concentration: 3ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-RPIA antibody	This is a rabbit polyclonal antibody against RPIA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Defects in RPIA are the cause of ribose 5-phosphate isomerase deficiency. The exact function of RPIA remains unknown.
Product Categories/Family for anti-RPIA antibody	Polyclonal; Drugs and Drug Metabolism; Various; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	94536842
NCBI GeneID	22934
NCBI Accession #	NP_653164
NCBI GenBank Nucleotide #	NM_144563
UniProt Accession #	P49247
Molecular Weight	33kDa
NCBI Official Full Name	ribose-5-phosphate isomerase
NCBI Official Synonym Full Names	ribose 5-phosphate isomerase A
NCBI Official Symbol	RPIA
NCBI Official Synonym Symbols	RPI; RPIAD
NCBI Protein Information	ribose-5-phosphate isomerase
UniProt Protein Name	Ribose-5-phosphate isomerase
UniProt Gene Name	RPIA
UniProt Synonym Gene Names	RPI
UniProt Entry Name	RPIA_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.

