

Rabbit RPIA Polyclonal Antibody | anti-RPIA antibody

RPIA Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314195	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

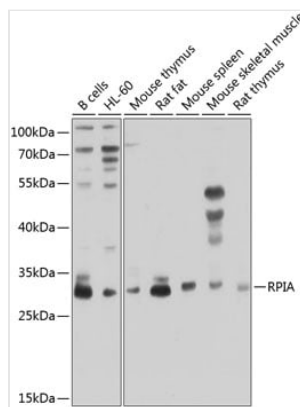
PRODUCT SYNONYMS

RPIA; Polyclonal Antibody; RPIA Rabbit Polyclonal Antibody; RPI; RPIAD; anti-RPIA antibody

PRODUCT SPECIFICATIONS

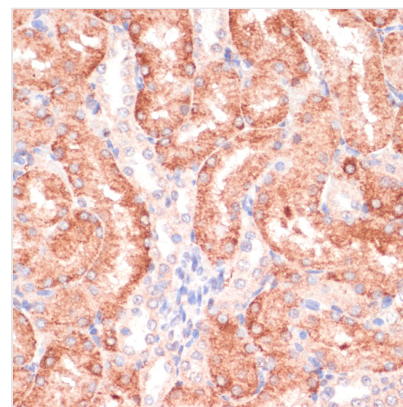
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RPIA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RPIA (NP_653164.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



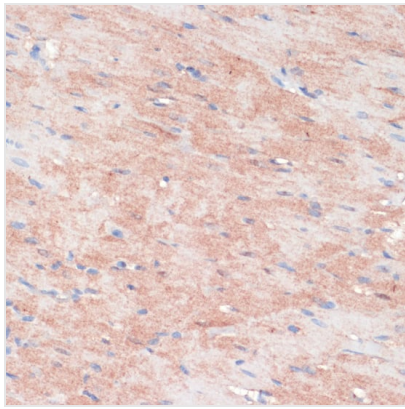
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RPIA at 1:1000 dilution.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using RPIA at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat heart using RPIA at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-RPIA antibody	The protein encoded by this gene is an enzyme, which catalyzes the reversible conversion between ribose-5-phosphate and ribulose-5-phosphate in the pentose-phosphate pathway. This gene is highly conserved in most organisms. The enzyme plays an essential role in the carbohydrate metabolism. Mutations in this gene cause ribose 5-phosphate isomerase deficiency. A pseudogene is found on chromosome 18.
Product Categories/Family for anti-RPIA antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	94536842
NCBI GeneID	22934
NCBI Accession #	NP_653164.2
NCBI GenBank Nucleotide #	NM_144563.2
UniProt Accession #	P49247; Q541P9; Q96BJ6
Molecular Weight	33,269 Da
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; phosphoriboisomerase; ribose 5-phosphate epimerase
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.