

RPIA rabbit monoclonal antibody

Catalog # H00022934-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RPIA peptide using ARM Technology.
Immunogen	A synthetic peptide of human RPIA is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human RPIA peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — RPIA

Entrez GeneID	22934
GeneBank Accession#	RPIA
Gene Name	RPIA
Gene Alias	RPI
Gene Description	ribose 5-phosphate isomerase A
Omim ID	180430 608611
Gene Ontology	Hyperlink
Other Designations	ribose 5-phosphate epimerase ribose 5-phosphate isomerase A (ribose 5-phosphate epimerase)

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of plant hormones](#)
- [Carbon fixation in photosynthetic organisms](#)
- [Metabolic pathways](#)
- [Pentose phosphate pathway](#)

Disease

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- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)