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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55438_P050-Biotin
Product Page	www.avivasysbio.com/rpia-antibody-n-terminal-region-biotin-arp55438-p050-biotin.html
Name	RPIA Antibody - N-terminal region : Biotin (ARP55438_P050-Biotin)
Protein Size (# AA)	311 amino acids
Molecular Weight	33kDa
Conjugation	Biotin
NCBI Gene Id	22934
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ribose 5-phosphate isomerase A
Alias Symbols	RPI, RPIAD
Peptide Sequence	Synthetic peptide located within the following region: MQRPGPFSTLYGRVLAPLPGRAGGAASGGGGNSWDLPGSHVRLPGRAQSG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Huck,J.H., (2004) Am. J. Hum. Genet. 74 (4), 745-751
Description of Target	Defects in RPIA are the cause of ribose 5-phosphate isomerase deficiency. The exact function of RPIA remains unknown.
Protein Interactions	RNF208; CENPP; FOXP2; ATPAF2; WDYHV1; GORASP2; TXN2; STK16; PTPN11; PCMT1; UBC; ELAVL1; LNX1; NIF3L1; VTA1; FXR2; RPIA;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-RPIA (ARP55438_P050-Biotin) antibody
Blocking Peptide	For anti-RPIA (ARP55438_P050-Biotin) antibody is Catalog# AAP55438 (Previous Catalog # AAPP33330)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human RPIA
Uniprot ID	P49247
Protein Name	Ribose-5-phosphate isomerase
Sample Type Confirmation	RPIA is supported by BioGPS gene expression data to be expressed in HEK293T
Protein Accession #	NP_653164
Purification	Affinity Purified
Nucleotide Accession #	NM_144563
Gene Symbol	RPIA
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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