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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PPP2R1A Antibody - N-terminal region : HRP (ARP56741_P050-HRP)

Data Sheet

Product Number	ARP56741_P050-HRP
Product Page	www.avivasysbio.com/ppp2r1a-antibody-n-terminal-region-hrp-arp56741-p050-hrp.html
Name	PPP2R1A Antibody - N-terminal region : HRP (ARP56741_P050-HRP)
Protein Size (# AA)	589 amino acids
Molecular Weight	65kDa
Subunit	A alpha isoform
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5518
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protein phosphatase 2, regulatory subunit A, alpha
Alias Symbols	MRD36, PP2AA, PR65A, PP2AAALPHA, PP2A-Aalpha
Peptide Sequence	Synthetic peptide located within the following region: KAVESLRAISHEHSPDLEAHFVPLVKRLAGGDWFTSRTSACGLFSVCYP
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Hong,S., (2007) J. Biol. Chem. 282 (16), 12119-12126
Description of Target	PPP2R1A is a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. PPP2R1A is an alpha isoform of the constant regulatory subunit A. This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes an alpha isoform of the constant regulatory subunit A. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	CSDC2; UBC; PPP2R2A; PPP2R1B; PPP2CB; POLDIP2; MOB4; SRGAP2; ANKLE2; PSIP1; ESPL1; PPFIA3; PPFIA1; IRS4; CCDC6; TFAM; PPP1R12B; HSPA7; HSPA1A; FECH; CTNNA2; CLCN6; STRN; RPS19; RPS3; PPP2R5E; PPP2R5D; PPP2R5C; PPP2CA; PEX1; LOC730668; DGKH; RAVER1; CCDC43
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-PPP2R1A (ARP56741_P050-HRP) antibody
Blocking Peptide	For anti-PPP2R1A (ARP56741_P050-HRP) antibody is Catalog # AAP56741 (Previous Catalog # AAPP35422)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PPP2R1A
Uniprot ID	P30153
Protein Name	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform
Protein Accession #	NP_055040
Purification	Affinity Purified

Nucleotide Accession #	NM_014225
Gene Symbol	PPP2R1A
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 85%
Image 1	

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

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