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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56420_P050-HRP
Product Page	www.avivasysbio.com/prkar1b-antibody-middle-region-hrp-arp56420-p050-hrp.html
Name	PRKAR1B Antibody - middle region : HRP (ARP56420_P050-HRP)
Protein Size (# AA)	381 amino acids
Molecular Weight	43kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5575
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protein kinase, cAMP-dependent, regulatory, type I, beta
Alias Symbols	PRKAR1
Peptide Sequence	Synthetic peptide located within the following region: LNRPRAATVVARGPLKCVKLDPRPFERVLGPCSEILKRNIQRYNSFISLT
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Zhan,X. (2006) Anal. Biochem. 354 (2), 279-289
Description of Target	Cyclic AMP-dependent protein kinase A (PKA) is an essential enzyme in the signaling pathway of the second messenger cAMP. Through phosphorylation of target proteins, PKA controls many biochemical events in the cell including regulation of metabolism, ion
Protein Interactions	UBC; DUS3L; THG1L; EEF2K; CALU; PRKACB; PRKACA; Dlg4; CUL3; WNK1; EGFR; PPP1R9A; WRN; SMAD3; AKAP1; SMAD4; PRKAR1A; PRKAR1B;
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-PRKAR1B (ARP56420_P050-HRP) antibody
Blocking Peptide	For anti-PRKAR1B (ARP56420_P050-HRP) antibody is Catalog# AAPP38729
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRKAR1B
Uniprot ID	P31321
Protein Name	cAMP-dependent protein kinase type I-beta regulatory subunit
Protein Accession #	NP_002726
Purification	Affinity Purified
Nucleotide Accession #	NM_002735
Gene Symbol	PRKAR1B
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 92%; Human: 100%; Mouse: 100%; Rabbit: 85%; Rat: 100%; Sheep: 85%; Zebrafish: 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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