



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP56420_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/prkar1b-antibody-middle-region-biotin-arp56420-p050-biotin.html">www.avivasysbio.com/prkar1b-antibody-middle-region-biotin-arp56420-p050-biotin.html</a>
Name	PRKAR1B Antibody - middle region : Biotin (ARP56420_P050-Biotin)
Protein Size (# AA)	381 amino acids
Molecular Weight	43kDa
Conjugation	Biotin
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: <a href="#">LNRPRAATVVARGPLKCVKLDLDRPFRERVLGPCSEILKRNIQRYNSFISLT</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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 <a href="#">anti-PRKAR1B (ARP56420_P050-Biotin) antibody</a>
Blocking Peptide	For anti-PRKAR1B (ARP56420_P050-Biotin) antibody is <a href="#">Catalog # AAPP38729</a>
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRKAR1B
Uniprot ID	<a href="#">P31321</a>
Protein Name	cAMP-dependent protein kinase type I-beta regulatory subunit
Protein Accession #	<a href="#">NP_002726</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_002735</a>
Gene Symbol	<a href="#">PRKAR1B</a>
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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