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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	ARP56699_P050-Biotin
Product Page	www.avivasysbio.com/prkab1-antibody-n-terminal-region-biotin-arp56699-p050-biotin.html
Name	PRKAB1 Antibody - N-terminal region : Biotin (ARP56699_P050-Biotin)
Protein Size (# AA)	270 amino acids
Molecular Weight	30kDa
Subunit	beta-1
Conjugation	Biotin
NCBI Gene Id	5564
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protein kinase, AMP-activated, beta 1 non-catalytic subunit
Alias Symbols	AMPK, HAMPKb
Peptide Sequence	Synthetic peptide located within the following region: KILMDSPEADLFHSEEIKAPEKEEFLAWQHDLEVNDKAPAQARPTVFRW
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Hasumi,H., Gene 415 (1-2), 60-67 (2008)
Description of Target	The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme tha
Protein Interactions	SNF4; SNF1; PRKAG1; PRKAA1; CIDEA; ACACA; APP; UBC; MAP3K7; MAPK6; GRB2; HDAC5; NSF; DSC1; CBR1; PRKAG2; CASP14; TGM3; PRKAB2; PRKAA2; NDUFA7; AGL; F10; PRKAG3; FNIP1; DHX36; SNRNP200; EZR; MYH10; MARS; GYS1; ACLY;
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-PRKAB1 (ARP56699_P050-Biotin) antibody
Blocking Peptide	For anti-PRKAB1 (ARP56699_P050-Biotin) antibody is Catalog # AAP56699 (Previous Catalog # AAPP39509)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PRKAB1
Uniprot ID	Q9Y478
Protein Name	5'-AMP-activated protein kinase subunit beta-1
Protein Accession #	NP_006244
Purification	Affinity Purified
Nucleotide Accession #	NM_006253
Gene Symbol	PRKAB1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 93%

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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