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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Prkaa1 Antibody - N-terminal region : HRP (ARP53651_P050-HRP)

Data Sheet

Product Number	ARP53651_P050-HRP
Product Page	www.avivasysbio.com/prkaa1-antibody-n-terminal-region-hrp-arp53651-p050-hrp.html
Name	Prkaa1 Antibody - N-terminal region : HRP (ARP53651_P050-HRP)
Protein Size (# AA)	548 amino acids
Molecular Weight	60kDa
Subunit	alpha-1
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	105787
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protein kinase, AMP-activated, alpha 1 catalytic subunit
Alias Symbols	AMPK, AI194361, AI450832, AL024255, AMPKalpha1, C130083N04Rik
Peptide Sequence	Synthetic peptide located within the following region: STPSDIFMVM EYVSGGELFDYICKNGRLDEKESRRLFQQILSGVDYCHRH
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	Prkaa1 is a catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism.
Protein Interactions	Ascl4; Prkag1; Prkab1; Cidea; Eed; Mark4; NRBF2; TRIP6; Ubc;
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-Prkaa1 (ARP53651_P050-HRP) antibody
Blocking Peptide	For anti-Prkaa1 (ARP53651_P050-HRP) antibody is Catalog # AAP53651
Uniprot ID	Q5EG47
Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-1
Protein Accession #	NP_001013385
Purification	Affinity Purified
Nucleotide Accession #	NM_001013367
Gene Symbol	Prkaa1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 79%; Yeast: 77%; Zebrafish: 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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