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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	ARP56697_P050-Biotin
Product Page	www.avivasysbio.com/prkaa2-antibody-middle-region-biotin-arp56697-p050-biotin.html
Name	PRKAA2 Antibody - middle region : Biotin (ARP56697_P050-Biotin)
Protein Size (# AA)	552 amino acids
Molecular Weight	62kDa
Subunit	alpha-2
Conjugation	Biotin
NCBI Gene Id	5563
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Protein kinase, AMP-activated, alpha 2 catalytic subunit
Alias Symbols	AMPK, AMPK2, PRKAA, AMPKa2
Peptide Sequence	Synthetic peptide located within the following region: AYHLIIDNRRIMNQASEFYLAASSPPSGSFMDDSAMHIPPGLKPHPERMPP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Qin,S. (2008) J. Biol. Chem 283 (11), 6744-6751
Description of Target	The protein encoded by this gene is a catalytic 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 that
Protein Interactions	KCTD1; NUTM1; RFX6; KIF24; RBPMS; APPBP2; ABI2; AIMP2; TRIP6; TCF4; VPS52; PRKAG1; PRKAB2; L3MBTL3; ZNF397; USHBP1; TSC22D4; HMBOX1; CCNB1IP1; HOMEZ; NECAB2; ZBTB8A; NOTCH2NL; KRTAP10-3; NONO; KRT31; KIFC3; GLI1; FOS; AES; PPARG; UBC; HSP90AA1; WWP1; RPTO
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-PRKAA2 (ARP56697_P050-Biotin) antibody
Blocking Peptide	For anti-PRKAA2 (ARP56697_P050-Biotin) antibody is Catalog # AAP56697 (Previous Catalog # AAPP39507)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRKAA2
Uniprot ID	P54646
Protein Name	5'-AMP-activated protein kinase catalytic subunit alpha-2
Protein Accession #	NP_006243
Purification	Affinity Purified
Nucleotide Accession #	NM_006252
Gene Symbol	PRKAA2
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: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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