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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	ARP57203_P050-Biotin
Product Page	www.avivasysbio.com/pi4k2b-antibody-n-terminal-region-biotin-arp57203-p050-biotin.html
Name	Pi4k2b Antibody - N-terminal region : Biotin (ARP57203_P050-Biotin)
Protein Size (# AA)	469 amino acids
Molecular Weight	52kDa
Conjugation	Biotin
NCBI Gene Id	67073
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phosphatidylinositol 4-kinase type 2 beta
Alias Symbols	2610042N09Rik, 4933409G22Rik
Peptide Sequence	Synthetic peptide located within the following region: EDPEFADIVLKAEQAIIEIGVFPERISQGSSEYFVKDSKRNIIGVFKPKS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Together with PI4K2A and the type III PI4Ks (PIK4CA and PIK4CB) Pi4k2b contributes to the overall PI4-kinase activity of the cell. This contribution may be especially significant in plasma membrane, endosomal and Golgi compartments. The phosphorylation of phosphatidylinositol (PI) to PI4P is the first committed step in the generation of phosphatidylinositol 4,5-bisphosphate (PIP2), a precursor of the second messenger inositol 1,4,5-trisphosphate (InsP3). Pi4k2b contributes to the production of InsP3 in stimulated cells and is likely to be involved in the regulation of vesicular trafficking.
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-Pi4k2b (ARP57203_P050-Biotin) antibody
Blocking Peptide	For anti-Pi4k2b (ARP57203_P050-Biotin) antibody is Catalog # AAP57203 (Previous Catalog # AAPP40910)
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Uniprot ID	Q8CBQ5
Protein Name	Phosphatidylinositol 4-kinase type 2-beta
Protein Accession #	NP_080227
Purification	Affinity Purified
Nucleotide Accession #	NM_025951
Gene Symbol	Pi4k2b
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Yeast, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; 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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