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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54772_P050-HRP
Product Page	www.avivasysbio.com/inpp5b-antibody-middle-region-hrp-arp54772-p050-hrp.html
Name	INPP5B Antibody - middle region : HRP (ARP54772_P050-HRP)
Protein Size (# AA)	913 amino acids
Molecular Weight	77kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3633
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Inositol polyphosphate-5-phosphatase, 75kDa
Alias Symbols	5PTase
Peptide Sequence	Synthetic peptide located within the following region: IHNGQVPCHEFEFINKPDEESYCKQWLNANPSRGFLLPDSDVEIDLFLFVN
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Williams,C., J. Cell. Sci. 120 (PT 22), 3941-3951 (2007)
Description of Target	Cellular calcium signaling is controlled by the production of inositol phosphates (IPs) by phospholipase C in response to extracellular signals. The IP signaling molecules are inactivated by a family of inositol polyphosphate-5-phosphatases (5-phosphatases). INPP5B is the type II 5-phosphatase. The protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Cellular calcium signaling is controlled by the production of inositol phosphates (IPs) by phospholipase C in response to extracellular signals. The IP signaling molecules are inactivated by a family of inositol polyphosphate-5-phosphatases (5-phosphatases). This gene encodes the type II 5-phosphatase. The protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.
Protein Interactions	UBC; APP; SMURF1;
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-INPP5B (ARP54772_P050-HRP) antibody
Blocking Peptide	For anti-INPP5B (ARP54772_P050-HRP) antibody is Catalog # AAP54772 (Previous Catalog # AAPP31567)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human INPP5B
Uniprot ID	P32019
Protein Name	Type II inositol 1,4,5-trisphosphate 5-phosphatase
Protein Accession #	NP_005531
Purification	Affinity Purified
Nucleotide Accession #	NM_005540
Gene Symbol	INPP5B
Predicted Species Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Dog: 85%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 92%; Rabbit: 77%; Rat: 92%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two vertical lines forming the stem, which branch out into two diagonal lines at the top, representing the antigen-binding sites.

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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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