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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58000_P050-HRP
Product Page	www.avivasysbio.com/gps1-antibody-n-terminal-region-hrp-arp58000-p050-hrp.html
Name	GPS1 Antibody - N-terminal region : HRP (ARP58000_P050-HRP)
Protein Size (# AA)	491 amino acids
Molecular Weight	55kDa
Subunit	1
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	2873
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	G protein pathway suppressor 1
Alias Symbols	CSN1, SGN1, COPS1
Peptide Sequence	Synthetic peptide located within the following region: PLPVQVFNLQGAVEPMQIDVDPQEDPQNAPDVNYVVENPSLDLEQYAASY
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Ewing,R.M., Mol. Syst. Biol. 3, 89 (2007)
Description of Target	This protein is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. It shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	COPS2; COPS3; COPS4; COPS7A; COPS5; COPS6; COPS8; UBC; cul1; PRKAR2A; FBXO6; NFKBIA; FBXW4; SENP8; vpr; IRF5; NOTCH1; COPS7B; DDB2; DCUN1D1; ASB4; NOD1; CUL2; CUL3; CUL4A; CUL4B; CUL5; NEDD8; JUN; ITPK1; GFER; ERCC8; TP53; POLR2A; DDB1; PSMA6; NF2; CARD11
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-GPS1 (ARP58000_P050-HRP) antibody
Blocking Peptide	For anti-GPS1 (ARP58000_P050-HRP) antibody is Catalog # AAP58000 (Previous Catalog # AAPP32423)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GPS1
Uniprot ID	Q13098
Protein Name	COP9 signalosome complex subunit 1
Protein Accession #	NP_004118
Purification	Affinity Purified
Nucleotide Accession #	NM_004127
Gene Symbol	GPS1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Guinea Pig, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 86%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

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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