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- Diagnostik & molekulare Diagnostik
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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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PSCD4 Antibody - N-terminal region : HRP (ARP54947_P050-HRP)

Data Sheet

Product Number	ARP54947_P050-HRP
Product Page	www.avivasysbio.com/pscd4-antibody-n-terminal-region-hrp-arp54947-p050-hrp.html
Name	PSCD4 Antibody - N-terminal region : HRP (ARP54947_P050-HRP)
Protein Size (# AA)	394 amino acids
Molecular Weight	46kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	27128
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Cytohesin 4
Alias Symbols	CYT4, PSCD4, DJ63G5.1, cytohesin-4
Peptide Sequence	Synthetic peptide located within the following region: NKTAIGTYLGERDPINLQVLQAFVDCHEFANLNLVQALRQFLWSFRLPGE
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mm phosphate, 150 mM NaCl, pH 7.6.
Reference	Morishige,M., (2008) Nat. Cell Biol. 10 (1), 85-92
Description of Target	PSCD4 promotes guanine-nucleotide exchange on ARF1 and ARF5. PSCD4 promotes the activation of ARF through replacement of GDP with GTP.Pleckstrin homology, Sec7 and coiled/coil domains 4 (PSCD4) is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. The PSCD4 exhibits GEP activity in vitro with both ARF1 and ARF5 but is inactive with ARF6. The PSCD4 and PSCD1 gene structures are very similar.
Protein Interactions	KRT40; TRIM54; AMOTL2; SNAPC5; CNKSR1; KRT15; KIFC3; FOS; UBC; IPCEF1;
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-CYTH4 (ARP54947_P050-HRP) antibody
Blocking Peptide	For anti-CYTH4 (ARP54947_P050-HRP) antibody is Catalog # AAP54947 (Previous Catalog # AAPP37205)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PSCD4
Uniprot ID	Q9UIA0
Protein Name	Cytohesin-4
Protein Accession #	NP_037517
Purification	Affinity Purified
Nucleotide Accession #	NM_013385
Gene Symbol	CYTH4
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 93%; Zebrafish: 91%
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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