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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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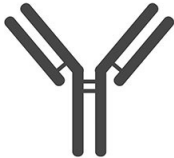
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Product Number	ARP58532_P050-FITC
Product Page	www.avivasysbio.com/sptan1-antibody-n-terminal-region-fitc-arp58532-p050-fitc.html
Name	SPTAN1 Antibody - N-terminal region : FITC (ARP58532_P050-FITC)
Protein Size (# AA)	2472 amino acids
Molecular Weight	272kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	6709
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Spectrin, alpha, non-erythrocytic 1 (alpha-fodrin)
Alias Symbols	DEE5, NEAS, EIEE5, SPTA2
Peptide Sequence	Synthetic peptide located within the following region: MDPSGVK VLETAEDIQERROQVLD RYH R F K E L S T L R R Q K L E D S Y R F Q F F Q
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Olsen, J.V., (2006) Cell 127 (3), 635-648
Description of Target	Fodrin (SPTAN1), which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.
Protein Interactions	SUMO3; CEP57; VCP; CEP76; STAU1; UBC; MDM2; RPA3; RPA2; RPA1; ZBTB1; EHP1L1; NUP188; GPHN; PPP4R1; PPF1A1; PLS1; FAU; CRYZ; RPS24; PTBP1; SAV1; MAPK9; CASP7; CASP3; UBD; CAPN1; PAN2; SVIL; Tes; UBL4A; MLH1; HSP90AB1; HSP90AA1; GRIN2B; GRIN2A; GRIN1; ESR1
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-SPTAN1 (ARP58532_P050-FITC) antibody
Blocking Peptide	For anti-SPTAN1 (ARP58532_P050-FITC) antibody is Catalog # AAP58532 (Previous Catalog # AAPP34842)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SPTAN1
Uniprot ID	Q13813
Protein Name	Spectrin alpha chain, non-erythrocytic 1
Sample Type Confirmation	SPTAN1 is strongly supported by BioGPS gene expression data to be expressed in HeLa
Protein Accession #	NP_003118
Purification	Affinity Purified
Nucleotide Accession #	NM_003127
Gene Symbol	SPTAN1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Zebrafish
Application	IHC, IP, WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shaped structure. It consists of two heavy chains (inner lines) and two light chains (outer lines), all connected at their base. The two arms of the Y extend upwards and outwards, representing the antigen-binding sites.

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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