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Forschungsprodukte & Biochemikalien



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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	ARP54792_P050-Biotin
Product Page	www.avivasysbio.com/sfn-antibody-middle-region-biotin-arp54792-p050-biotin.html
Name	SFN Antibody - middle region : Biotin (ARP54792_P050-Biotin)
Protein Size (# AA)	248 amino acids
Molecular Weight	28kDa
Conjugation	Biotin
NCBI Gene Id	2810
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Stratifin
Alias Symbols	YWHAS
Peptide Sequence	Synthetic peptide located within the following region: FHYEIANSPPEAISLAKTTFDEAMADLHLSSEDSYKDSTLIMQLLRDNL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Yang, W., (2008) Cell Cycle 7 (5), 670-682
Description of Target	SFN is an adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathway. SFN binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, SFN regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway.
Protein Interactions	FAM9B; RAB3IP; LONRF1; CCDC102B; ZC2HC1C; DTL; FAM53C; MKRN3; FOXO4; MAGEA1; CCNH; SIK3; ZFYVE19; YWHAZ; VCL; UBE2V1; SNRPF; UBE2R2; PAK2; G6PD; TARDBP; EGFR; BAD; MARK3; HDAC7; HDAC5; HDAC4; RAF1; CDC25C; MST1R; ABL1; HNRNPD; ATF2; TRIM32; COPS6; UBC; TP
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-SFN (ARP54792_P050-Biotin) antibody
Additional Information	IHC Information: Paraffin embedded skin tissue, tested with an antibody dilution of 2.5 ug/ml.
Blocking Peptide	For anti-SFN (ARP54792_P050-Biotin) antibody is Catalog # AAP54792 (Previous Catalog # AAPP31587)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SFN
Uniprot ID	P31947
Protein Name	14-3-3 protein sigma
Protein Accession #	NP_006133
Purification	Affinity Purified
Nucleotide Accession #	NM_006142
Gene Symbol	SFN
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Yeast, Zebrafish
Application	WB, IHC

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Yeast: 93%; Zebrafish: 86%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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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