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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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Product Number	ARP59101_P050-Biotin
Product Page	www.avivasysbio.com/nrp1-antibody-n-terminal-region-biotin-arp59101-p050-biotin.html
Name	NRP1 Antibody - N-terminal region : Biotin (ARP59101_P050-Biotin)
Protein Size (# AA)	644 amino acids
Molecular Weight	72kDa
Conjugation	Biotin
NCBI Gene Id	8829
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Neuropilin 1
Alias Symbols	NP1, NRP, BDCA4, CD304, VEGF165R
Peptide Sequence	Synthetic peptide located within the following region: FNPFDLEDLRDCKYDYVEVFDGENENGHFRGKFCGKIAPPPVSSGPFLE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	NRP1 is a membrane-bound coreceptor to a tyrosine kinase receptor for both vascular endothelial growth factor (VEGF; MIM 192240) and semaphorin (see SEMA3A; MIM 603961) family members. NRP1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.
Protein Interactions	UBC; VEGFA; TGFBR3; TGFBR2; TGFBR1; L1CAM; PDGFB; PLVAP; CSNK2A2; RPL27; SRRM1; PLXNA1; GIPC1; SEMA3A; SEMA3C; NRP2; NRP1; VEGFB; SEMA3B; SEMA3F; PGF; KDR; FLT1; FGF4; FGF7; FGFR1; FGF2; FGF1; HGF; PLXND1;
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-NRP1 (ARP59101_P050-Biotin) antibody
Blocking Peptide	For anti-NRP1 (ARP59101_P050-Biotin) antibody is Catalog # AAP59101 (Previous Catalog # AAP45320)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NRP1
Uniprot ID	O14786-2
Protein Name	Neuropilin-1
Sample Type Confirmation	There is BioGPS gene expression data showing that NRP1 is expressed in HepG2
Protein Accession #	NP_001019799
Purification	Affinity Purified
Nucleotide Accession #	NM_001024628
Gene Symbol	NRP1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%

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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