

Rabbit Neuropilin-2 Polyclonal Antibody | anti-NRP2 antibody

Neuropilin-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327257	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Neuropilin-2; Polyclonal Antibody; Neuropilin-2 Antibody; MGC126574; Neuropilin 2; Neuropilin2; NP 2; NP2; NPN 2; NPN2; NRP 2; Nrp2; NRP2_HUMAN; PRO2714; Receptor for VEGF165 and semaphorins class3; Vascular endothelial cell growth factor 165 receptor 2; Vascular endothelial growth factor 165 receptor 2; VEGF1265R2; VEGF165R2; anti-NRP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Neuropilin-2 antibody detects endogenous levels of total Neuropilin-2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	926
Applicable Applications for anti-NRP2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Neuropilin-2
Subcellular Location	Membrane.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Neuropilin-2 using COLO205 whole lysates.



IHC (Immunohistochemistry)

AAA327257 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NRP2 antibody	Function: High affinity receptor for semaphorins 3C, 3F, VEGF-165 and VEGF-145 isoforms of VEGF, and the PLGF-2 isoform of PGF. Subunit Structure: Heterodimer with NRP1. Binds PLXNB1. Similarity: The tandem CUB domains mediate binding to semaphorin, while the tandem F5/8 domains are responsible for heparin and VEGF binding. Belongs to the neuropilin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41872533
NCBI GeneID	8828
NCBI Accession #	NP_003863.2
NCBI GenBank Nucleotide #	NM_003872.2
UniProt Accession #	O60462; O14820; O14821; Q53TQ4; Q53TS3; Q7LBX6; Q7LBX7; Q9H2D4; A0A024R3W6; A0A024R412; E9PF66
Molecular Weight	Observed: 120 kDa Predicted: 105 kDa
NCBI Official Full Name	neuropilin-2 isoform 2
NCBI Official Synonym Full Names	neuropilin 2
NCBI Official Symbol	NRP2
NCBI Official Synonym Symbols	NP2; NPN2; PRO2714; VEGF165R2
NCBI Protein Information	neuropilin-2
UniProt Protein Name	Neuropilin-2
UniProt Gene Name	NRP2
UniProt Synonym Gene Names	VEGF165R2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/neuropilin-2-antibody-immunohistochemistry-western-blot-elisa/327257>