

Neuropilin-2 Antibody (C-term K813)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11578b

Specification

Neuropilin-2 Antibody (C-term K813) - Product Information

Application	WB,E
Primary Accession	O60462
Other Accession	NP_003863.2 , NP_957719.1 , NP_061004.3 , NP_957718.1 , NP_958436.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	798-827

Neuropilin-2 Antibody (C-term K813) - Additional Information

Gene ID 8828

Other Names

Neuropilin-2, Vascular endothelial cell growth factor 165 receptor 2, NRP2, VEGF165R2

Target/Specificity

This Neuropilin-2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 798-827 amino acids from the C-terminal region of human Neuropilin-2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Neuropilin-2 Antibody (C-term K813) is for research use only and not for use in diagnostic or therapeutic procedures.

Neuropilin-2 Antibody (C-term K813) - Protein Information

Name NRP2

Synonyms VEGF165R2

Function High affinity receptor for semaphorins 3C, 3F, VEGF-165 and VEGF-145 isoforms of VEGF, and the PLGF-2 isoform of PGF.

Cellular Location

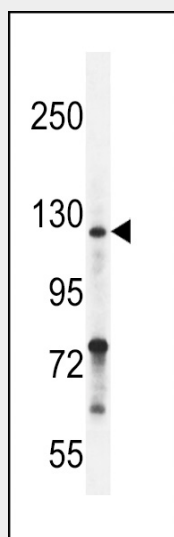
Membrane; Single- pass type I membrane protein

Neuropilin-2 Antibody (C-term K813) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Neuropilin-2 Antibody (C-term K813) - Images



Neuropilin-2 Antibody (C-term K813) (Cat. #AP11578b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the Neuropilin-2 antibody detected the Neuropilin-2 protein (arrow).

Neuropilin-2 Antibody (C-term K813) - Background

This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Neuropilin-2 Antibody (C-term K813) - References

Rey-Gallardo, A., et al. Glycobiology 20(9):1139-1146(2010)
Geretti, E., et al. Mol. Cancer Res. 8(8):1063-1073(2010)
Guo-ping, W., et al. Ann Plast Surg 65(1):80-84(2010)
Nasarre, C., et al. Cell Adh Migr 3(4):383-389(2009)
Fassold, A., et al. Arthritis Rheum. 60(10):2892-2901(2009)

Neuropilin-2 Antibody (C-term K813) - Citations

- [Label-free quantitative proteomic analysis of benzo\(a\)pyrene-transformed 16HBE cells serum-free culture supernatant and xenografted nude mice sera.](#)
- [Secreted meningeal chemokines, but not VEGFA, modulate the migratory properties of medulloblastoma cells.](#)