

Neuropilin-1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05936
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Neuropilin-1. AA range:476-525
Mol wt	103120/71935
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Neuropilin-1 Antibody
Synonyms	NRP1; NRP; VEGF165R; Neuropilin-1; Vascular endothelial cell growth factor 165 receptor; CD antigen CD304

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NRP1 encodes one of two neuropilins, which contain specific protein domains which allow them to participate in several different types of signaling pathways that control cell migration. Neuropilins contain a large N-terminal extracellular domain, made up of complement-binding, coagulation factor V/VIII, and meprin domains. These proteins also contains a short membrane-spanning domain and a small cytoplasmic domain. Neuropilins bind many ligands and various types of co-receptors; they affect cell survival, migration, and attraction. Some of the ligands and co-receptors bound by neuropilins are vascular endothelial growth factor (VEGF) and semaphorin family members. Several alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.

Recommended Dilution

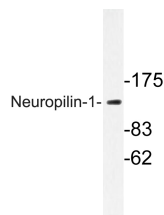
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

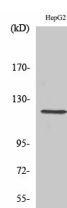
ELISA: 1: 5000

Not yet tested in other applications.

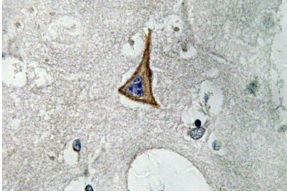
Images



Western blot analysis of lysate from HepG2 cells, using Neuropilin-1 antibody.



Western Blot analysis of various cells using Neuropilin-1 Polyclonal Antibody



Immunohistochemistry analysis of Neuropilin-1 antibody in paraffin-embedded human brain tissue.

Storage

-20°C for one year

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