

Rabbit Anti-NRP1 monoclonal antibody, clone TU16-41 (CABT-L681)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Neuropilin-1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TU16-41
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	120 kDa
Cellular Localization	Cell membrane, Secreted.
Positive Control	HUVEC, MCF-7, SHG-44, mouse kidney tissue, human liver tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Warnings	For research use only

BACKGROUND

Introduction	Neuropilin is a type I transmembrane receptor that has been implicated in aspects of axon growth and guidance and has been shown to act as a high affinity receptor for class III semaphorins and vascular endothelial growth factor (VEGF). A closely related protein, neuropilin-2, shares a common domain structure and signifcant homology with neuropilin and also acts as a receptor for the class III semaphorins and VEGF. Both neuropilins are involved in regulating many physiological pathways including axonal guidance and angiogenesis, however they exhibit differential expression in the adult vasculature. Neuropilin-2 is polysialylated and expressed on the surface of dendritic cells. It is also expressed by venous and lymphatic endothelium. Neuropilin is expressed predominantly by arterial endothelium.
Keywords	A5 protein;BDCA4;BLOOD DENDRITIC CELL ANTIGEN 4;CD304;Neuropilin-1;Neuropilin1;NP1;NPN1;NRP 1;NRP;NRP1;NRP1_HUMAN;transmembrane receptor;Vascular endothelial cell growth factor 165 receptor;VEGF165R antibody

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