Neuropilin 1 Antibody

Catalog No: #48067

Package Size: #48067-1 50ul #48067-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

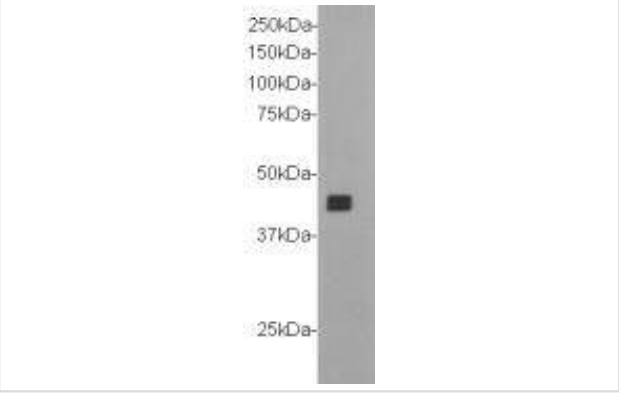
Description

Product Name	Neuropilin 1 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	A3-D1
Purification	ProA affinity purified
Applications	WB, ICC, IHC
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Other Names	AI851453 antibody BCTL1 antibody Brain specific transmembrane protein containing 2 CUB and 1 LDL receptor class A domains protein 1 antibody Brain-specific transmembrane protein containing 2 CUB and 1 LDL-receptor class A domains protein 1 antibody BTCL1 antibody C130005O10Rik antibody FLJ41325 antibody Neto1 antibody NETO1_HUMAN antibody Neuropilin and tolloid like 1 antibody Neuropilin and tolloid-like protein 1 antibody RGD1566269 antibody
Accession No.	Swiss-Prot#:O14786
Uniprot	O14786
GeneID	8829;
Calculated MW	103 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

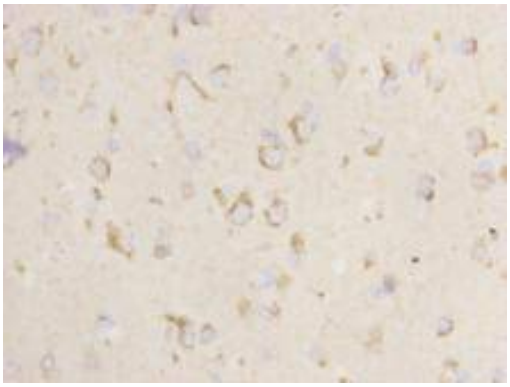
Application Details

WB: 1:1,000-1:10,000 IHC: 1:50ICC: 1:100-1:500

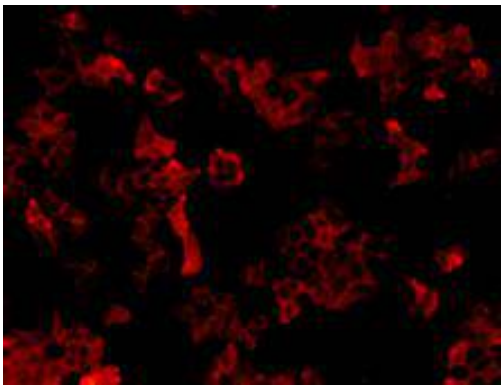
Images



Western blot analysis on recombinant protein using anti-Neuropilin 1 Mouse mAb (Cat. # M0910-5).



Immunohistochemical analysis of paraffin- embedded mouse brain tissue using anti-Neuropilin 1 Mouse mAb (Cat. # M0910-5).



Immunofluorescent staining of Hela cells using anti-Neuropilin 1 Mouse mAb (Cat. # M0910-5).

Background

The membrane-bound isoform 1 is a receptor involved in the development of the cardiovascular system, in angiogenesis, in the formation of certain neuronal circuits and in organogenesis outside the nervous system. It mediates the chemorepulsant activity of semaphorins. It binds to semaphorin 3A, The PLGF-2 isoform of PGF, The VEGF165 isoform of VEGFA and VEGFB. Coexpression with KDR results in increased VEGF165 binding to KDR as well as increased chemotaxis. Regulate VEGF-induced angiogenesis. Binding to VEGFA initiates a signaling pathway needed for motor neuron axon guidance and cell body migration, including for the caudal migration of facial motor neurons from rhombomere 4 to rhombomere 6 during embryonic development.

References

Note: This product is for in vitro research use only