Neuropilin-2 (M373) polyclonal antibody

Catalog: BCP01179 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~92 kDa

Swiss-Prot:

O60462

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

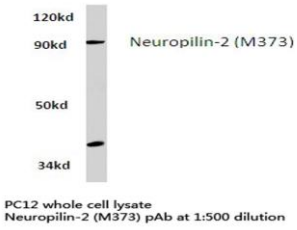
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Neuropilin-2 (M373) polyclonal antibody detects endogenous levels of Neuropilin-2 protein.

DATA:



Western blot (WB) analysis of Neuropilin-2 (M373) pAb at 1:500 dilution

Lane1:PC3 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(20ug)

Lane3:A549 whole cell lysate(20ug)

Lane4:PC12 whole cell lysate(40ug)

Lane5:The Kidney tissue lysate of Mouse(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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