

Neuropilin 1 polyclonal antibody

Catalog: BZ16090

Host: Rabbit

Reactivity: Human, Mouse, Rat

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 VEGF-165 isoform of VEGF and VEGF-B. Coexpression with KDR results in increased VEGF-165 binding to KDR as well as increased chemotaxis. It may regulate VEGF-induced angiogenesis. The soluble isoform 2 binds VEGF-165 and appears to inhibit its binding to cells.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 103 kDa; Observed MW: 100 kDa

Swiss-Prot:

O14786

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000

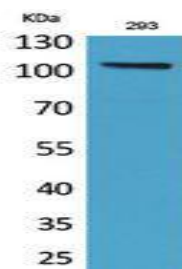
Storage&Stability:

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

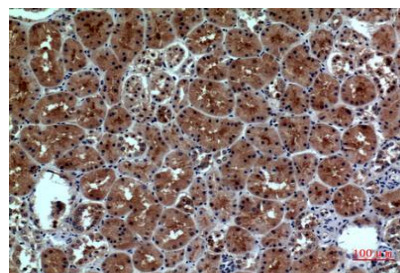
Isotype:

IgG

DATA:



Western blot analysis of Neuropilin 1 in 293 lysates using Neuropilin 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human kidney using Neuropilin 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Note:

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

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