

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

NEUROPILIN 1 RABBIT PAB

Cat.#: N225068

Product Name: Anti-Neuropilin 1 Rabbit pAb

Synonyms: NRP1; NRP; VEGF165R; Neuropilin-1; Vascular endothelial cell growth factor 165 receptor; CD antigen CD304

UNIPROT ID: 014786

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.

Immunogen: The antiserum was produced against synthesized peptide derived from the Internal region of human NRP1. AA range:321-370

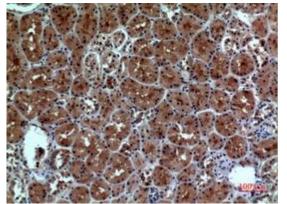
Applications: WB,IHC-P,ELISA Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000 Host Species: Rabbit Clonality: Rabbit Polyclonal Clone ID: -MW: Calculated MW: 103 kDa; Observed MW: 100 kDa Isotype: IgG Purification: Affinity Purified Species Reactivity: Human,Mouse,Rat Conjugation: Unconjugated Modification: Unmodified Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Research Areas: Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

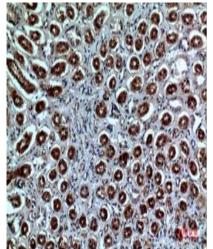


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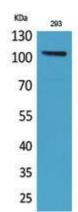
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Immunohistochemistry analysis of paraffin-embedded Human kidney using Neuropilin 1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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