ATAGENIX LABORATORIES

Catalog Number:ATP085

Anti NRP1 polyclonal antibody

Product Details

Summary

description	Produced in rabbits immunized with purified,Recombinant Human NRP1 protein
Accession #	O14786
Alternative names	Neuropilin-1,Vascular endothelial cell growth factor 165 receptor,CD304, VEGF165R
Stability &Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
Spcificity	Recognizes Human NRP1 protein
Isotype	IgG
Host	Rabbit
Clonality	Polyclonal
Conjugation	Unconjugated
Species reactivity	Human,other species was not test
Tested applications	Elisa,IHC
Immunogen	Recombinant protein of human NRP1(Phe22-Lys644).

Background

Neuropilin-1 (NRP1) is a a 130–140 kDa transmembrane glycoprotein expressed by endothelial, dendritic, and regulatory T cells, as well as several other normal cell types and malignant tumor cells. NRP1 was first identified as a semaphorin (SEMA) receptor, involved in axonal guidance in embryonic development. NRP1 was also shown to act as a receptor for vascular endothelial growth factor (VEGF) and a promoter of angiogenesis through its interaction with VEGF-A165 (and other VEGFs) and the receptor tyrosine kinase (RTK) VEGF-R2. NRP1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.

Product performance

Form	Liquid
Buffer	PBS,pH7.4,containing 0.05% proclin300,50% glycerol.
Concentration	0.35mg/ml
MW	103kDa

ATAGENIX LABORATORIES

Catalog Number:ATP085

Anti NRP1 polyclonal antibody

Application

Dilution Range	Elisa:1:4000~1:8000,IHC:1:50~100

Note

For research use only.