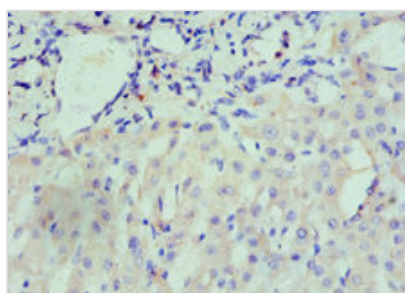


NRP1 Antibody

Product Code	CSB-PA016091ESR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	O14786
Immunogen	Recombinant Human Neuropilin-1 protein (684-923AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, IHC; Recommended dilution: IHC:1:20-1:200
Relevance	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. It may also induce apoptosis by sequestering VEGF-165. May bind as well various members of the semaphorin family. Its expression has an averse effect on blood vessel number and integrity.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity purified
Isotype	IgG
Clonality	Polyclonal
Alias	Neuropilin-1 (Vascular endothelial cell growth factor 165 receptor) (CD antigen CD304), NRP1, NRP VEGF165R
Species	Human
Research Area	Cardiovascular
Target Names	NRP1

Image



Immunohistochemistry of paraffin-embedded human liver tissue using CSB-PA016091ESR1HU at dilution of 1:100