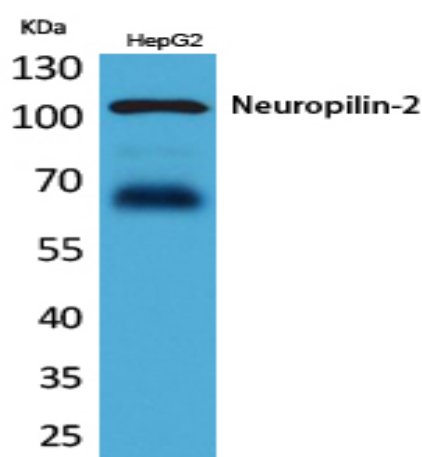


Neuropilin-2 Polyclonal Antibody

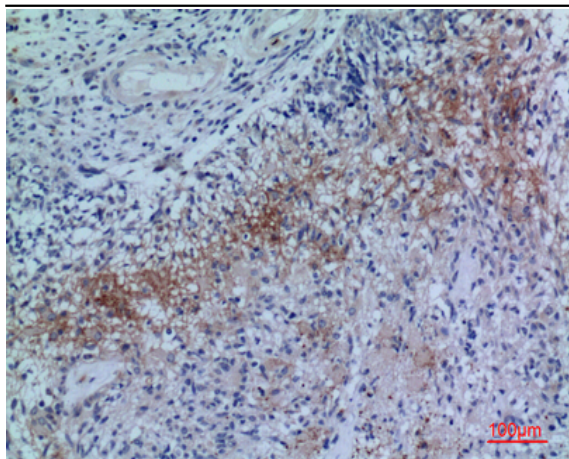
Catalog No :	YT5230
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	Neuropilin-2
Gene Name :	NRP2
Protein Name :	Neuropilin-2
Human Gene Id :	8828
Human Swiss Prot No :	O60462
Mouse Gene Id :	18187
Mouse Swiss Prot No :	O35375
Rat Gene Id :	81527
Rat Swiss Prot No :	O35276
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human NRP2. AA range:791-840
Specificity :	Neuropilin-2 Polyclonal Antibody detects endogenous levels of Neuropilin-2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	100kD
Background :	This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],
Function :	function:High affinity receptor for semaphorins 3C, 3F, VEGF-165 and VEGF-145 isoforms of VEGF, and the PLGF-2 isoform of PGF.,similarity:Belongs to the neuropilin family.,similarity:Contains 1 MAM domain.,similarity:Contains 2 CUB domains.,similarity:Contains 2 F5/8 type C domains.,subunit:Heterodimer with NRP1 (Probable). Binds PLXNB1.,
Subcellular Location :	Membrane ; Single-pass type I membrane protein .; [Isoform s9]: Secreted .
Expression :	Brain,Human endometrium carcinoma cell line,Liver,Mammary gland,Ovary,Prostate adenocarcino

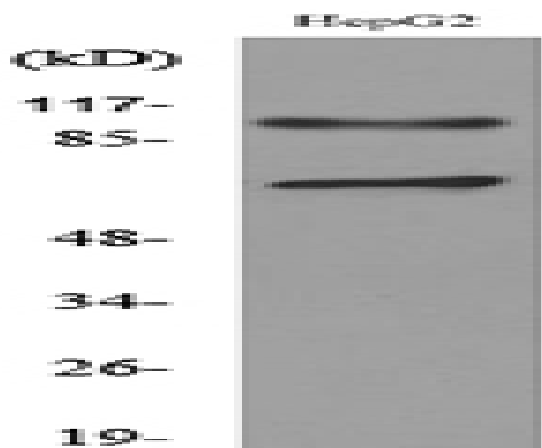
Products Images



Western Blot analysis of HepG2 cells using Neuropilin-2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100



Western blot analysis of lysate from HepG2 cells, using NRP2 Antibody.