

Immunotag™ Neuropilin-2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5230
Product Description	Immunotag™ Neuropilin-2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Neuropilin-2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Neuropilin-2, at AA range: internal
Specificity	Neuropilin-2 Polyclonal Antibody detects endogenous levels of Neuropilin-2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NRP2
Accession No.	O60462 O35375 O35276
Alternate Names	NRP2; VEGF165R2; Neuropilin-2; Vascular endothelial cell growth factor 165 receptor 2

Antibody Specification

Description	neuropilin 2(NRP2) Homo sapiens 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],
Protein Expression	Brain,Human endometrium carcinoma cell line,Liver,Mammary gland,Ovary,Prostate adenocarcino
Subcellular Localization	semaphorin receptor complex,extracellular region,plasma membrane,membrane,integral component of membrane,axon,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.