



NET4 Polyclonal Antibody

Catalog No	YP-Ab-07121
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	NTN4
Immunogen	Synthesized peptide derived from human protein . at AA range: 50-130
Specificity	NET4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NET-4;NET4;TM4SF9;TSPAN-5;2810455A09Rik;4930505M03Rik;TSN5_BOVIN;TSPAN5;TSN5_HUMAN;Tetraspan NET-4;Transmembrane 4 superfamily member 9;TSN5_MOUSE;TSN5_RAT;NTN4;Netrin-4 (Beta-netrin) (Hepar-derived netrin-like protein)
Observed Band	57 kDa
Calculated Molecular Weight	57 kDa
Cell Pathway	Secreted, extracellular space, extracellular matrix, basement membrane . Major component.
Tissue Specificity	Expressed in kidney, spleen, mammary gland, aorta, heart, ovary, prostate and fetal spleen.
Function	function:May play an important role in neural, kidney and vascular development. Promotes neurite elongation from olfactory bulb explants.,similarity:Contains 1 laminin N-terminal domain.,similarity:Contains 1 NTR domain.,similarity:Contains 3 laminin EGF-like domains.,subcellular location:Major component.,subunit:May form a homodimer.,tissue specificity:Expressed in kidney, spleen, mammary gland, aorta, heart, ovary, prostate and fetal spleen.,

Background

This gene encodes a member of the netrin family of proteins, which function in various biological processes including axon guidance, tumorigenesis, and angiogenesis. Netrins are laminin-related proteins that have an N-terminal laminin-type domain, epidermal growth factor-like repeat domain, and a positively charged heparin-binding domain at the C-terminus. The protein encoded by this gene is involved in processes including neurite growth and migration, angiogenesis and mural cell adhesion to endothelial cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images