



UNC5A Polyclonal Antibody

Catalog No	YP-Ab-05817
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	UNC5A KIAA1976 UNC5H1
Immunogen	Synthesized peptide derived from human protein . at AA range: 130-210
Specificity	UNC5A 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	KIAA1976;Netrin receptor UNC5A;Protein unc-5 homolog 1;Protein unc-5 homolog A;UNC5H1;UNC5A;UNC5A KIAA1976 UNC5H1;Netrin receptor UNC5A (Protein unc-5 homolog 1) (Protein unc-5 homolog A)
Observed Band	88-100 kDa
Calculated Molecular Weight	842 aa, 93 kDa
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Membrane raft . Cell projection, neuron projection . The interaction with PRKCABP regulates its surface expression and leads to its removal from the surface of neurons and growth cones. .
Tissue Specificity	Brain,PCR rescued clones,Pooled,
Function	domain:The ZU5 domain mediates the interaction with MAGED1, which participates in the induction of apoptosis.,function:Receptor for netrin required for axon guidance. Mediates axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding. Axon repulsion in growth cones may be caused by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand.,induction:By p53/TP53., miscellaneous:Down-regulated in multiple cancers including colorectal, breast,



ovary, uterus, stomach, lung, or kidney cancers.,PTM:Phosphorylated on cytoplasmic tyrosine residues. Phosphorylated by PKC in vitro., PTM:Proteolytically cleaved by caspases during apoptosis. The cleavage does not take place when the receptor is associated with netrin ligand. Its cleavage by caspases

Background

UNC5A belongs to a family of netrin-1 (MIM 601614) receptors thought to mediate the chemorepulsive effect of netrin-1 on specific axons. For more information on UNC5 proteins, see UNC5C (MIM 603610).[supplied by OMIM, Apr 2004],

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