



UNC5D Polyclonal Antibody

Catalog No	YP-Ab-05820
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	UNC5D KIAA1777 UNC5H4 UNQ6012/PRO34692
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	UNC5D 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	FLJ16019;KIAA1777;Netrin receptor UNC5D;PRO34692;Protein unc 5 homolog 4;Protein unc 5 homolog D;unc 5 homolog D (C. elegans);UNC5D;Unc5h4;UNC5D KIAA1777 UNC5H4 UNQ6012/PRO34692;Netrin receptor UNC5D (Protein unc-5 homolog 4) (Protein unc-5 homolog D)
Observed Band	120 kDa, 68 kDa
Calculated Molecular Weight	106KD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Brain,Epithelium,
Function	function:Receptor for netrin. May be involved in axon guidance by mediating 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., PTM:Phosphorylated on cytoplasmic tyrosine residues.,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 is required to induce apoptosis.,similarity:Belongs to the unc-5 family.,similarity:Contains 1 death domain.,similarity:Contains 1 Ig-like (immunoglobulin-



like) domain.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,
similarity:Contains 1 ZU5 domain.,similarity:C

Background

function:Receptor for netrin. May be involved in axon guidance by mediating 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., PTM:Phosphorylated on cytoplasmic tyrosine residues.,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 is required to induce apoptosis.,similarity:Belongs to the unc-5 family.,similarity:Contains 1 death domain.,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 ZU5 domain.,similarity:Contains 2 TSP type-1 domains.,subunit:Interacts with the cytoplasmic part of DCC.,

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