

UNC5B Rabbit pAb

CatalogNo: YN0945

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 103kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 350-430**Specificity** UNC5B Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name UNC5B P53RDL1 UNC5H2 UNQ1883/PRO4326

Protein Name Netrin receptor UNC5B (Protein unc-5 homolog 2) (Protein unc-5 homolog B) (p53-regulated receptor for death and life protein 1)

Organism	Gene ID	UniProt ID
Human	219699 ;	Q8IZJ1 ;
Mouse		Q8K1S3 ;
Rat		O08722 ;

Cellular Localization Cell membrane ; Single-pass type I membrane protein . Membrane raft . Associated with lipid rafts. .

Tissue specificity Highly expressed in brain. Also expressed at lower level in developing lung, cartilage, kidney and hematopoietic and immune tissues.

Function 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.,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 (By similarity). Interacts with GNAI2 via its cytoplasmic part.,tissue specificity:Highly expressed in brain. Also expressed at lower level in developing lung, cartilage, kidney and hematopoietic and immune tissues.,

Validation Data

Contact information

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