

## 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	<a href="#">219699</a> ;	<a href="#">Q8IZJ1</a> ;
Mouse		<a href="#">Q8K1S3</a> ;
Rat		<a href="#">O08722</a> ;

**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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