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Datasheet for ABIN6990847
anti-FBXL20 antibody (C-Term)

Overview

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|----------------------|---|
| Quantity: | 0.1 mg |
| Target: | FBXL20 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FBXL20 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | SCRAPPER antibody was raised against a 18 amino acid synthetic peptide near the carboxy terminus of the human SCRAPPER. The immunogen is located within the last 50 amino acids of SCRAPPER. |
| Isotype: | IgG |
| Purification: | SCRAPPER Antibody is affinity chromatography purified via peptide column. |

Target Details

| | |
|-------------------|--|
| Target: | FBXL20 |
| Alternative Name: | SCRAPPER (FBXL20 Products) |
| Background: | SCRAPPER Antibody: Members of the F-box protein family, such as Scrapper, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1, cullin, and F- |

Target Details

box proteins, act as protein-ubiquitin ligases. Scrapper is selectively expressed in the brain, broadly expressed within the mouse CNS and is abundant at presynaptic membrane. Scrapper has orthologs in *C. elegans*, *D. melanogaster*, and mammals which suggests that it might function as an important membrane-localized E3 ligase in various species. Scrapper is a major presynaptic E3 ubiquitin ligase that acts through RIM1a via degradation and the ubiquitin-proteasome-system (UPS) pathway to critically regulate synaptic transmission. This identifies protein degradation as a mechanism for holding synaptic communication in check.

Gene ID: 84961

NCBI Accession: [NP_116264](#)

UniProt: [Q96IG2](#)

Application Details

Application Notes: SCRAPPER antibody can be used for detection of SCRAPPER by Western blot at 0.5 - 1 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL.

Antibody validated: Western Blot in mouse samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SCRAPPER Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SCRAPPER antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.