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Datasheet for ABIN6990848 **anti-FBXL20 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	FBXL20
Binding Specificity:	N-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)), Immunofluorescence (IF)

Product Details

Immunogen:	SCRAPPER antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of the human SCRAPPER. The immunogen is located within the first 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

Target Details

by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1, cullin, and F-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 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence 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.