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Ubxn2a antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13549

Specification

Ubxn2a antibody - middle region - Product Information

Application	**WB**
Primary Accession	D3ZID8
Other Accession	NM_001109482, NP_001102952
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Chicken, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**29kDa KDa**

Ubxn2a antibody - middle region - Additional Information

Gene ID 685859

Alias Symbol	**Ubxd4**

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Ubxn2a antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Ubxn2a antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Ubxn2a antibody - middle region - Protein Information

Name Ubxn2a {ECO:0000312|RGD:1589027}

Function
Acts to repress the ubiquitination and subsequent endoplasmic reticulum-associated degradation of CHRNA3 by the STUB1-VCP-UBXN2A complex in cortical neurons (PubMed:26265139). Also acts to promote the translocation of CHRNA3 to the plasma membrane and subsequently increases plasma membrane acetylcholine-gated ion-channel activation (By similarity). Plays a role in the inhibition of STUB1-mediated TP53 degradation, via its interaction with HSPA9 which acts to inhibit TP53 binding to HSPA9 (By similarity). Positively mediates the ubiquitination and proteosomal degradation of RICTOR, may thereby act as a negative regulator of the mTORC2 pathway (By similarity).

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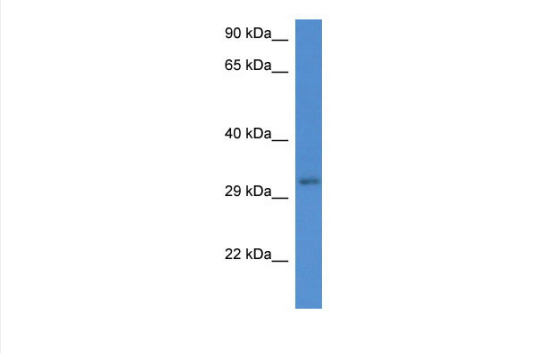
Cellular Location
Golgi apparatus. Endoplasmic reticulum. Perikaryon {ECO:0000250|UniProtKB:Q99KJ0}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q99KJ0}. Nucleus {ECO:0000250|UniProtKB:P68543} Cytoplasm. Note=Expressed at the axon initial segment. {ECO:0000250|UniProtKB:Q99KJ0}

Ubxn2a antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Ubxn2a antibody - middle region - Images



WB Suggested Anti-Ubxn2a Antibody Titration: 1.0 µg/ml
Positive Control: Rat Muscle