

Ubxn2a antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13549

Product Information

Application	WB
Primary Accession	D3ZID8
Other Accession	NM_001109482 , NP_001102952
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Chicken, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29249

Additional Information

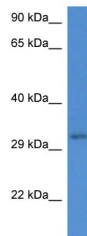
Gene ID	685859
Alias Symbol	Ubx4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Ubxn2a antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, 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.

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).
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}

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.