

**UBXN2A Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11361b****Specification**

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**UBXN2A Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [P68543](#)  
Other Accession [NP\\_859064.2](#)

**UBXN2A Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 165324

**Other Names**

UBX domain-containing protein 2A, UBX domain-containing protein 4, UBXN2A, UBXD4

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**UBXN2A Antibody (C-term) Blocking peptide - Protein Information**

**Name** UBXN2A ([HGNC:27265](#))

**Function**

Acts to repress the ubiquitination and subsequent endoplasmic reticulum-associated degradation of CHRNA3 by the STUB1-VCP-UBXN2A complex in cortical neurons (PubMed:<a href="http://www.uniprot.org/citations/26265139" target="\_blank">26265139</a>). 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 (PubMed:<a href="http://www.uniprot.org/citations/24625977" target="\_blank">24625977</a>, PubMed:<a href="http://www.uniprot.org/citations/26634371" target="\_blank">26634371</a>). Positively mediates the ubiquitination and proteosomal degradation of RICTOR, may thereby act as a negative regulator of the mTORC2 pathway (PubMed:<a href="http://www.uniprot.org/citations/37037900" target="\_blank">37037900</a>).

**Cellular Location**

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

**Tissue Location**

Expressed in the colon (at protein level).

**UBXN2A Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**UBXN2A Antibody (C-term) Blocking peptide - Images****UBXN2A Antibody (C-term) Blocking peptide - References**

Lowe, J.K., et al. PLoS Genet. 5 (2), E1000365 (2009) :