

UBXN2A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11361b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	P68543
Other Accession	NP_859064.2
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29060
Calculated MW	29278
Antigen Region	166-195

Additional Information

Gene ID	165324
Other Names	UBX domain-containing protein 2A, UBX domain-containing protein 4, UBXN2A, UBXD4
Target/Specificity	This UBXN2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 166-195 amino acids from the C-terminal region of human UBXN2A.
Dilution	WB~1:1000 IHC-P~1:100~500 FC~1:10~50 E~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	UBXN2A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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:[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 (PubMed:[24625977](#), PubMed:[26634371](#)). Positively mediates the ubiquitination and proteosomal degradation of RICTOR, may thereby act as a negative regulator of the mTORC2 pathway (PubMed:[37037900](#)).

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}

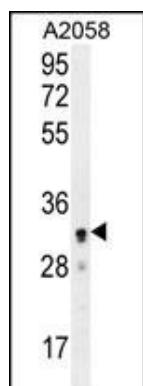
Tissue Location

Expressed in the colon (at protein level).

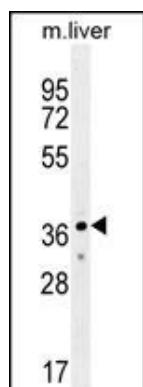
References

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

Images

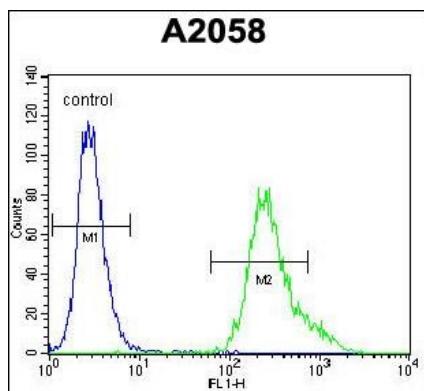
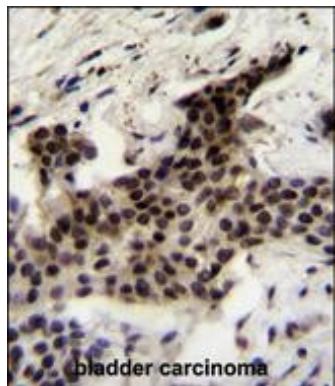


UBXN2A Antibody (C-term) (Cat. #AP11361b) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the UBXN2A antibody detected the UBXN2A protein (arrow).



UBXN2A Antibody (C-term) (Cat. #AP11361b) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the UBXN2A antibody detected the UBXN2A protein (arrow).

UBXN2A Antibody (C-term) (Cat. #AP11361b) immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UBXN2A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



UBXN2A Antibody (C-term) (Cat. #AP11361b) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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