

Rabbit anti-Human UBXN4 Polyclonal Antibody | anti-UBXN4 antibody

Anti-UBXN4 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259082	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

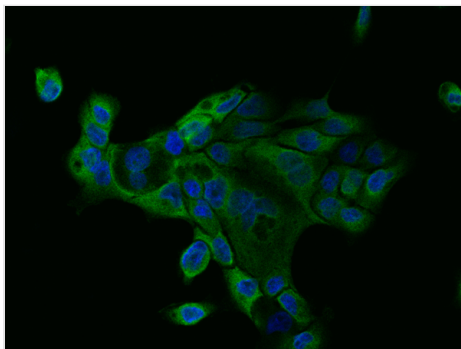
PRODUCT SYNONYMS

UBXN4; Polyclonal Antibody; Anti-UBXN4 Antibody; Rabbit Polyclonal; UBX domain protein 4; Anti-erasin Antibody; Anti-UBXD2 Antibody; Anti-UBXDC1 Antibody; anti-UBXN4 antibody

PRODUCT SPECIFICATIONS

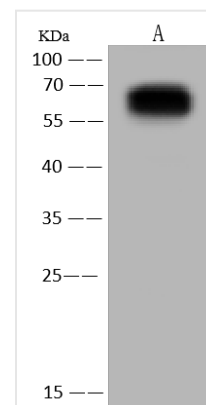
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human UBXN4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-UBXN4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E coli-derived Human UBXN4 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human UBXN4 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of UBXN4-FP02526 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human UBXN4-FP02526 polyclonal antibody (dilution ratio 1:100) at 4° overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



WB (Western Blot)

Anti-UBXN4 rabbit polyclonal antibody at 1:500 dilution Lane A: HCT116 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-UBXN4 antibody	UBXN4 (UBX Domain Protein 4) is a Protein Coding gene. The UBXN4 gene, located on 2q21.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, C.elegans, and frog. UBXD2 is an integral membrane protein of the endoplasmic reticulum (ER) that binds valosin-containing protein (VCP) and promotes ER-associated protein degradation (ERAD). UBXD2 acts as a platform to recruit both UBQLN1 and VCP to the ER during ERAD. UBXN4 is widely expressed in the thyroid, gall bladder, and other tissues. Diseases associated with UBXN4 include Martsof Syndrome. An important paralog of this gene is TNRC6A. 238 organisms have orthologs with the human gene UBXN4.
References	Mueller B, et al. (2008) Sel1l nucleates a protein complex required for dislocation of misfolded glycoproteins. Proc Natl Acad Sci U S A 105 (34): 12325-12330. Madsen L, et al. (2014) Human aspl/tug interacts with p97 and complements the proteasome mislocalization of a yeast ubx4 mutant, but not the er-associated degradation defect. BMC Cell Biol 15 31. Li X, et al. (2012) A genome-wide association study identifies a potential novel gene locus for keratoconus, one of the commonest causes for corneal transplantation in developed countries. Hum Mol Genet 21 (2): 421-429.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ubxn4-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/259082>