

Rabbit UBC13 Polyclonal Antibody | anti-UBC13 antibody

UBC13 Antibody

CATALOG # AAA306041	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

UBC13; Polyclonal Antibody; UBC13 Antibody; anti-UBC13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Ion exchange chromatography purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	152
Applicable Applications for anti-UBC13 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 15 amino acids near the C-terminus of human UBC13.
Target Name	UBC13
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of UBC13 in mouse thymus tissue with UBC13 antibody at 2 ug/mL.


WB (Western Blot)

Western blot analysis of UBC13 in human small intestine cell lysates with UBC13 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-UBC13 antibody

Ubiquitin-conjugating enzyme 13 (Ubc13) was initially discovered in *S. cerevisiae* as a DNA-damage inducible protein involved in the error-free DNA postreplication repair pathway. It has recently been shown to be an important component of the Toll-like receptor and IL-1R signaling pathway. Signals from these pathways are relayed by a number of downstream molecules such as MyD88 and tumor necrosis factor receptor associated factor (TRAF6), ultimately activating various kinases and transcription factors. Ubc13 is part of a dimeric ubiquitin-conjugating enzyme complex also containing UEV1A (ubiquitin-conjugating enzyme E2 variant 1) that together with TRAF6 activates TAK1, a member of the mitogen-activated protein kinase kinase kinase family. The Ubc13-UEV1A complex also mediates the Lys-63 ubiquitination of TRAF-6, and this ubiquitination is essential for TAK1 activation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30582585
NCBI GeneID	7334
Molecular Weight	17,138 Da
NCBI Official Full Name	ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast)
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2N
NCBI Official Symbol	UBE2N
NCBI Official Synonym Symbols	UBC13; Ubch13; HEL-S-71; Ubch-ben; UBCHBEN; UBC13
NCBI Protein Information	ubiquitin-conjugating enzyme E2 N
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 N
UniProt Gene Name	UBE2N
UniProt Synonym Gene Names	BLU
UniProt Entry Name	UBE2N_HUMAN

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/ubc13-antibody-immunohistochemistry-western-blot-elisa/306041>