Rabbit UBC13 Polyclonal Antibody | anti-UBE2N antibody

UBC13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39824	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

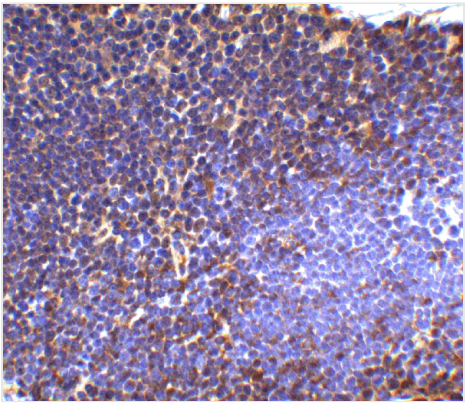
PRODUCT SYNONYMS

UBC13; Polyclonal Antibody; UBC13 Antibody; UbcH13; HEL-S-71; UbcH-ben; BLU; Ubiquitin-conjugating enzyme E2 N; Bendless-like ubiquitin-conjugating enzyme; ubiquitin-conjugating enzyme E2N (UBC13 homolog; yeast); anti-UBE2N antibody

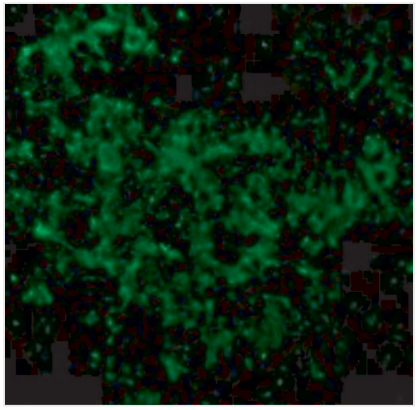
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	UBC13 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	152
Applicable Applications for anti-UBE2N antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	UBC13 antibody was raised against a peptide corresponding to 15 amino acids near the C-terminus of human UBC13.
Buffer	UBC13 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	UBC13 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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.

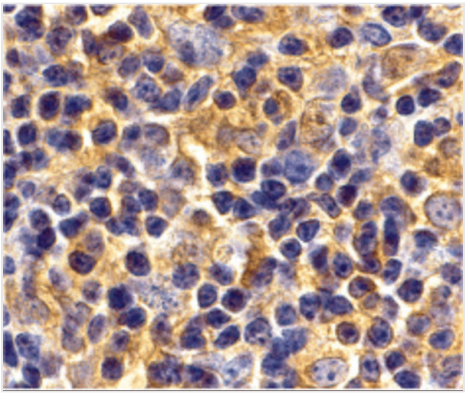
IMAGES



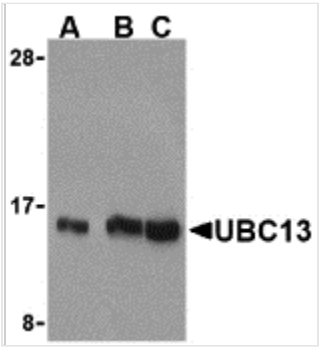
IHC (Immunohistochemistry)
Immunohistochemistry of UBC13 in mouse thymus tissue with UBC13 antibody at 2.5 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of UBC13 in Mouse Thymus cells with UBC13 antibody at 10 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of UBC13 in mouse thymus tissue with UBC13 antibody at 2 μg/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 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-UBE2N antibody	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
UniProt Accession #	P61088; Q16781; Q53Y81
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; yeast UBC13 homolog; ubiquitin-protein ligase N; ubiquitin carrier protein N; epididymis secretory protein Li 71; bendless-like ubiquitin conjugating enzyme; bendless-like ubiquitin-conjugating enzyme; ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast); ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13)
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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