

Datasheet for ABIN6990483

anti-UBE2N antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	UBE2N
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2N antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	UBC13 antibody was raised against a peptide corresponding to 15 amino acids near the C-terminus of human UBC13. The immunogen is located within the last 50 amino acids of UBC13.
Isotype:	IgG
Purification:	UBC13 Antibody is Ion exchange chromatography purified.

Target Details

Target:	UBE2N
Alternative Name:	UBC13 (UBE2N Products)
Background:	UBC13 Antibody: Ubiquitin-conjugating enzyme 13 (Ubc13) was initially discovered in <i>S. cerevisiae</i> as a DNA-damage inducible protein involved in the error-free DNA postreplication

Target Details

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.

Gene ID:	7334
UniProt:	P61088
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades , Positive Regulation of Response to DNA Damage Stimulus , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	UBC13 antibody can be used for detection of UBC13 by Western blot at 0.5 to 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 10 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	UBC13 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

Handling

Storage Comment: UBC13 antibody can be stored at 4°C for three months and -20°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.