Datasheet for ABIN7174474

anti-UBE2N antibody (AA 20-138) (FITC)

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Overview

Quantity:	100 µg
Target:	UBE2N
Binding Specificity:	AA 20-138
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2N antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Ubiquitin-conjugating enzyme E2 N protein (20-138AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	UBE2N
Alternative Name:	UBE2N (UBE2N Products)
Background:	Background: The UBE2V1-UBE2N and UBE2V2-UBE2N heterodimers catalyze the synthesis of non-canonical \'Lys-63\'-linked polyubiquitin chains. This type of polyubiquitination does not

Target Details

	lead to protein degradation by the proteasome. Mediates transcriptional activation of target genes. Plays a role in the control of progress through the cell cycle and differentiation. Plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage. Acts together with the E3 ligases, HLTF and SHPRH, in the \'Lys-63\'-linked poly-ubiquitination of PCNA upon genotoxic stress, which is required for DNA repair. Appears to act together with E3 ligase RNF5 in the \'Lys-63\'-linked polyubiquitination of JKAMP thereby regulating JKAMP function by decreasing its association with components of the proteasome and ERAD. Promotes TRIM5 capsid-specific restriction activity and the UBE2V1-UBE2N heterodimer acts in concert with TRIM5 to generate \'Lys-63\'-linked polyubiquitin chains which activate the MAP3K7/TAK1 complex which in turn results in the induction and expression of NF-kappa-B and MAPK-responsive inflammatory genes. Aliases: Bendless like ubiquitin conjugating enzyme antibody, Bendless-like ubiquitin-conjugating enzyme antibody, BLU antibody, EC 6.3.2.19 antibody, Epididymis secretory protein Li 71 antibody, HEL-S-71 antibody, Human epidermoid carcinoma mRNA for ubiquitin-conjugating enzyme E2 similar to Drosophila bendless gene product complete cds antibody, MGC131857 antibody, MGC8489 antibody, UBC 13 antibody, Ubc13 antibody, UbCH ben antibody, UbcH-ben antibody, UbcH13 antibody, UBCHBEN antibody, Ube 2N antibody, Ube2n antibody, UBE2N_HUMAN antibody, Ubiquitin carrier protein N antibody, Ubiquitin conjugating enzyme E2 N antibody, Ubiquitin conjugating enzyme E2N (homologous to yeast UBC13) antibody, Ubiquitin conjugating enzyme E2N (UBC13 homolog yeast) antibody, Ubiquitin conjugating enzyme E2N antibody, Ubiquitin protein ligase N antibody, Ubiquitin-conjugating enzyme E2 N antibody, Ubiquitin-protein ligase N antibody, Yeast UBC13 homolog antibody
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

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.