Datasheet for ABIN7174502

anti-UBE2W antibody (AA 1-151)

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Overview

Quantity:	100 µg
Target:	UBE2W
Binding Specificity:	AA 1-151
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2W antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ubiquitin-conjugating enzyme E2 W protein (1-151AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	UBE2W
Alternative Name:	UBE2W (UBE2W Products)
Background:	Background: Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes monoubiquitination. Involved in degradation of misfolded chaperone

Target Details

	substrates by mediating monoubiquitination of STUB1/CHIP, leading to recruitment of ATXN3 to monoubiquitinated STUB1/CHIP, and restriction of the length of ubiquitin chain attached to STUB1/CHIP substrates by ATXN3. After UV irradiation, but not after mitomycin-C (MMC) treatment, acts as a specific E2 ubiquitin-conjugating enzyme for the Fanconi anemia complex by associating with E3 ubiquitin-protein ligase FANCL and catalyzing monoubiquitination of FANCD2, a key step in the DNA damage pathway. In vitro catalyzes \'Lys-11\'-linked polyubiquitination. Transfers ubiquitin in complex with RING/U-box type E3s that do not have active site cysteine residues to form thioester bonds with ubiquitin, and preferentially ubiquitinates the N-terminus of substrates, such as ATXN3, STUB1 and SUMO2. Aliases: FLJ11011 antibody, hUBC 16 antibody, hUBC16 antibody, Probable ubiquitin conjugating enzyme E2 W antibody, Probable ubiquitin-conjugating enzyme E2 W antibody, UBC 16 antibody, UBC-16 antibody, UBC16 antibody, UBE 2W antibody, ube2w antibody, UBE2W_HUMAN antibody, Ubiquitin carrier protein W antibody, Ubiquitin conjugating enzyme 16 antibody, Ubiquitin conjugating enzyme E2 W antibody, Ubiquitin conjugating enzyme E2W antibody, Ubiquitin protein ligase W antibody, Ubiquitin-protein ligase W antibody
UniProt:	Q96B02

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

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