Datasheet for ABIN7174492

anti-UBE2V1 antibody (AA 2-147) (HRP)

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Overview

Quantity:	100 µg
Target:	UBE2V1
Binding Specificity:	AA 2-147
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2V1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ubiquitin-conjugating enzyme E2 variant 1 protein (2-147AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	UBE2V1
Alternative Name:	UBE2V1 (UBE2V1 Products)
Background:	Background: Has no ubiquitin ligase activity on its own. The UBE2V1-UBE2N heterodimer catalyzes the synthesis of non-canonical poly-ubiquitin chains that are linked through Lys-63.

Target Details

	This type of poly-ubiquitination activates IKK and does not seem to involve protein degradation by the proteasome. Plays a role in the activation of NF-kappa-B mediated by IL1B, TNF, TRAF6 and TRAF2. 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. 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: CIR1 antibody, CROC-1 antibody, CROC1 antibody, CROC1A antibody, TRAF6-regulated IKK activator 1 beta Uev1A antibody, UB2V1_HUMAN antibody, UBE2V 1 antibody, UBE2V antibody, UBE2V1 antibody, Ubiquitin conjugating enzyme E2 variant 1 antibody, Ubiquitin-conjugating enzyme E2 variant 1 antibody, UEV-1 antibody, UEV1 antibody
UniProt:	Q13404
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades

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.