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Datasheet for ABIN7141985

anti-UBE20 antibody (AA 10-277) (Biotin)

Overview

Quantity:	100 µg
Target:	UBE20
Binding Specificity:	AA 10-277
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE20 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human (E3-independent) E2 ubiquitin-conjugating enzyme protein (10-277AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	UBE20
Alternative Name:	UBE20 (UBE20 Products)
Background:	Background: E2/E3 hybrid ubiquitin-protein ligase that displays both E2 and E3 ligase activities and mediates monoubiquitination of target proteins (PubMed:23455153, PubMed:24703950).

Target Details

Negatively regulates TRAF6-mediated NF-kappa-B activation independently of its E2 activity (PubMed:23381138). Acts as a positive regulator of BMP7 signaling by mediating monoubiquitination of SMAD6, thereby regulating adipogenesis (PubMed:23455153). Mediates monoubiquitination at different sites of the nuclear localization signal (NLS) of BAP1, leading to cytoplasmic retention of BAP1. Also able to monoubiquitinate the NLS of other chromatin-associated proteins, such as INO80 and CXXC1, affecting their subcellular location (PubMed:24703950). Acts as a regulator of retrograde transport by assisting the TRIM27:MAGEL2 E3 ubiquitin ligase complex to mediate 'Lys-63'-linked ubiquitination of WASH1, leading to promote endosomal F-actin assembly (PubMed:23452853).

Aliases: E2 230K antibody, EC=6.3.2.19 antibody, FLJ12878 antibody, KIAA1734 antibody, Likely Ortholog of Mouse Ubiquitin Conjugating Enzyme antibody, RP23 193A16.5 antibody, UBE2O antibody, UBE2O_HUMAN antibody, Ubiquitin carrier protein O antibody, Ubiquitin conjugating enzyme E2 O antibody, Ubiquitin conjugating enzyme E2 of 230 kDa antibody, ubiquitin conjugating enzyme E2O antibody, Ubiquitin protein ligase O antibody, Ubiquitin-conjugating enzyme E2 O antibody, Ubiquitin-conjugating enzyme E2 of 230 kDa antibody, Ubiquitin-conjugating enzyme E2-230K antibody, Ubiquitin-protein ligase O antibody

UniProt: [Q9C0C9](#)

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.