

Datasheet for ABIN7271180
anti-UBE2O antibody (AA 1073-1292)



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Overview

Quantity:	100 µL
Target:	UBE2O
Binding Specificity:	AA 1073-1292
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2O antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	UBE2O Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1073-1292 of human UBE2O (NP_071349.3).
Sequence:	LVNEPYNEA GFDSRGLQE GYENSRCYNE MALIRVVQSM TQLVRRPPEV FEQEIRQHFS TGGWRLVNRI ESWLETHALL EKAQALPNGV PKASSSPEPP AVAELSDSGQ QEPEDGGPAP GEASQGS DSE GGAQGLASAS RDHTDQTSET APDASVPPSV KPKKRRKSYR SFLPEKSGYP DIGFPLFPLS KGFIKSIRGV LTQFRAALLE AGMPECTEDK
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: UBE2O

Alternative Name: UBE2O ([UBE2O Products](#))

Background: E2/E3 hybrid ubiquitin-protein ligase that displays both E2 and E3 ligase activities and mediates monoubiquitination of target proteins. Negatively regulates TRAF6-mediated NF-kappa-B activation independently of its E2 activity. Acts as a positive regulator of BMP7 signaling by mediating monoubiquitination of SMAD6, thereby regulating adipogenesis. 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. Acts as a regulator of retrograde transport by assisting the TRIM27:MAGEL2 E3 ubiquitin ligase complex to mediate 'Lys-63'-linked ubiquitination of WASHC1, leading to promote endosomal F-actin assembly.,UBE2O,E2-230K,Cell Biology & Developmental Biology,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,UBE2O

Molecular Weight: 141kDa

Gene ID: 63893

UniProt: [Q9C0C9](#)

Application Details

Application Notes: IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.