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UBE2O Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS14222

Specification

UBE2O Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q9C0C9
Reactivity	**Human, Monkey**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**141kDa KDa**

UBE2O Antibody (C-Terminus) - Additional Information

Gene ID 63893

Other Names
E2/E3 hybrid ubiquitin-protein ligase UBE2O, 6.3.2.-, 6.3.2.19, Ubiquitin carrier protein O, Ubiquitin-conjugating enzyme E2 O, Ubiquitin-conjugating enzyme E2 of 230 kDa, Ubiquitin-conjugating enzyme E2-230K, Ubiquitin-protein ligase O, UBE2O, KIAA1734

Target/Specificity
Human UBE2O.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
UBE2O Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

UBE2O Antibody (C-Terminus) - Protein Information

Name UBE2O

Synonyms KIAA1734

Function
E2/E3 hybrid ubiquitin-protein ligase that displays both E2 and E3 ligase activities and mediates monoubiquitination of target proteins (PubMed:23455153, PubMed:24703950). 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 WASHC1, leading to promote endosomal F-actin assembly (PubMed:23452853).

Cellular Location
Cytoplasm. Nucleus. Note=Mainly localizes to the cytoplasm

Tissue Location
Predominantly expressed in skeletal muscle and heart.

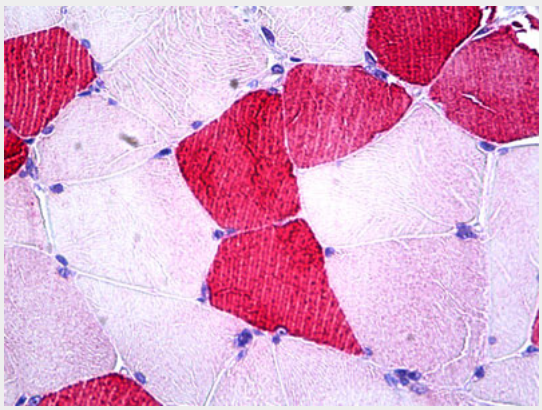
Volume
50 µl

UBE2O Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UBE2O Antibody (C-Terminus) - Images



Anti-UBE2O antibody IHC of human skeletal muscle.

UBE2O Antibody (C-Terminus) - Background

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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).

UBE2O Antibody (C-Terminus) - References

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