10320 Camino Santa Fe, Suite G
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Anti-Ube2L3 / UBCH7 Rabbit Monoclonal Antibody

Catalog # ABO16326

Specification

Anti-Ube2L3 / UBCH7 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC, IF, ICC**
Primary Accession	P68036
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-Ube2L3 / UBCH7 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-Ube2L3 / UBCH7 Rabbit Monoclonal Antibody - Additional Information

Gene ID 7332

Other Names
Ubiquitin-conjugating enzyme E2 L3, 2.3.2.23, E2 ubiquitin-conjugating enzyme L3, L-UBC, UbcH7, Ubiquitin carrier protein L3, Ubiquitin-conjugating enzyme E2-F1, Ubiquitin-protein ligase L3, UBE2L3, UBCE7, UBCH7

Calculated MW
17 kDa KDa

Application Details
WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human Ube2L3 / UBCH7

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-Ube2L3 / UBCH7 Rabbit Monoclonal Antibody - Protein Information

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Name UBE2L3

Synonyms UBCE7, UBCH7

Function
Ubiquitin-conjugating enzyme E2 that specifically acts with HECT-type and RBR family E3 ubiquitin-protein ligases. Does not function with most RING-containing E3 ubiquitin-protein ligases because it lacks intrinsic E3-independent reactivity with lysine; in contrast, it has activity with the RBR family E3 enzymes, such as PRKN, RNF31 and ARIH1, that function like RING-HECT hybrids. Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Mediates ubiquitination by the CUL9-RBX1 complex (PubMed:38605244). In vitro catalyzes 'Lys-11'-linked polyubiquitination. Involved in the selective degradation of short-lived and abnormal proteins. Down- regulated during the S-phase it is involved in progression through the cell cycle. Regulates nuclear hormone receptors transcriptional activity. May play a role in myelopoiesis.

Cellular Location
Nucleus. Cytoplasm

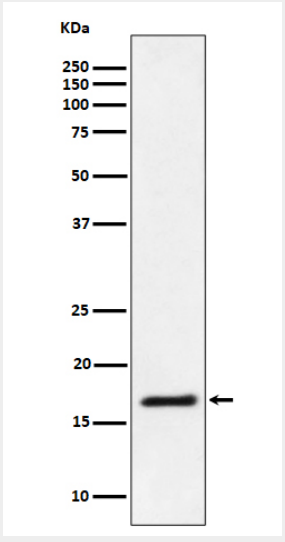
Tissue Location
Ubiquitous, with highest expression in testis.

Anti-Ube2L3 / UBCH7 Rabbit Monoclonal Antibody - 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

Anti-Ube2L3 / UBCH7 Rabbit Monoclonal Antibody - Images



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Western blot analysis of Ube2L3 / UBCH7 expression in Jurkat cell lysate.