

UBE4B Antibody

Rabbit mAb

Catalog # AP92663

Product Information

Application	WB
Primary Accession	O95155
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	HDNB1; Ube4b; UBOX3; UFD2; UFD2a; Ufd2p;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	146185

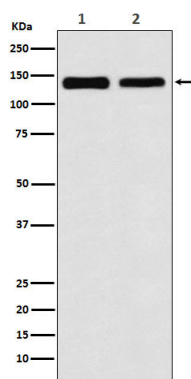
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from UBE4B
Description	Binds to the ubiquitin moieties of preformed conjugates and catalyzes ubiquitin chain assembly in conjunction with E1, E2, and E3.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	UBE4B (HGNC:12500)
Function	Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1 and E2 ligases (By similarity). May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase (By similarity). May regulate myosin assembly in striated muscles together with STUB1 and VCP/p97 by targeting myosin chaperone UNC45B for proteasomal degradation (PubMed: 17369820).
Cellular Location	Cytoplasm. Nucleus {ECO:0000250 UniProtKB:Q9ES00}
Tissue Location	Expressed in differentiated myotubes (at protein level) (PubMed:17369820). Highest expression in ovary, testis, heart and skeletal muscle (PubMed:11802788). Expression is low in colon, thymus and peripheral blood leukocytes (PubMed:11802788). Almost undetectable in lung and spleen (PubMed:11802788)

Images



Western blot analysis of UBE4B expression in (1) 293T cell lysate; (2) NIH/3T3 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.