

KD-Validated Anti-Ubiquitination Factor E4B Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1716

Product Information

Application	WB, FC, ICC
Primary Accession	O95155
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1765
Calculated MW	146185
Gene Name	UBE4B
Aliases	UBE4B; Ubiquitination Factor E4B; UFD2; KIAA0684; UBOX3; E4; Ubiquitination Factor E4B (UFD2 Homolog, Yeast); RING-Type E3 Ubiquitin Transferase E4 B; Ubiquitin Conjugation Factor E4 B; HDNB1; Ubiquitination Factor E4B (Homologous To Yeast UFD2); Homozygously Deleted In Neuroblastoma-1; Homozygously Deleted In Neuroblastoma 1; Ubiquitin-Fusion Degradation Protein 2; Ubiquitin Fusion Degradation Protein 2; Homologous To Yeast UFD2; EC 2.3.2.27; UFD2A
Immunogen	A synthesized peptide derived from human UBE4B

Additional Information

Gene ID	10277
Other Names	Ubiquitin conjugation factor E4 B, 2.3.2.27, UBE4B (HGNC:12500)

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)

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