Anti-UFD2 antibody

Description	Rabbit polyclonal to UFD2.

Model	STJ96183
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human UFD2.
Immunogen Region	Internal
Gene ID	10277
Gene Symbol	UBE4B
Dilution range	IHC 1:100-1:300ELISA 1:5000
Specificity	UFD2 Polyclonal Antibody detects endogenous levels of UFD2 protein.
Tissue Specificity	Highest expression in ovary, testis, heart and skeletal muscle. Expression is low in colon, thymus and peripheral blood leukocytes. Almost undetectable in lung and spleen.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ubiquitin conjugation factor E4 B Homozygously deleted in neuroblastoma 1 RING-type E3 ubiquitin transferase E4 B Ubiquitin fusion degradation protein 2

Molecular Weight	146.185 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12500OMIM:613565
Alternative Names	Ubiquitin conjugation factor E4 B Homozygously deleted in neuroblastoma 1 RING-type E3 ubiquitin transferase E4 B Ubiquitin fusion degradation protein 2
Function	Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction with specific E1 and E2 ligases. May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase.
Sequence and Domain Family	The U-box domain is required for the ubiquitin protein ligase activity.
Cellular Localization	Cytoplasm Nucleus
Post-translational Modifications	Proteolytically cleaved by caspases during apoptosis. Cleaved efficiently at Asp-123 by caspase-6 and granzyme B. Cleaved with approximately 10-fold less efficiency at Asp-109 by caspase-3 and caspase-7.