

Rabbit UFD1L Polyclonal Antibody | anti-UFD1L antibody

UFD1L Antibody

CATALOG # AAA323317	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

UFD1L; Polyclonal Antibody; UFD1L Antibody; UB fusion protein 1; Ubiquitin fusion degradation 1 like (yeast); Ubiquitin fusion degradation 1 like; Ubiquitin fusion degradation protein 1 homolog; UFD1; UFD1_HUMAN; anti-UFD1L antibody

PRODUCT SPECIFICATIONS

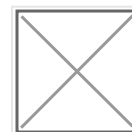
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	UFD1L antibody detects endogenous levels of UFD1L.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	266
Applicable Applications for anti-UFD1L antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human UFD1L.
Subcellular Location	Nucleus. Cytoplasm > Cytosol.
Tissue Specificity	Found in adult heart, skeletal muscle and pancreas, and in fetal liver and kidney.
Predicted Cross Reactivity	Pig, Horse, Rabbit, Dog, Chicken
Similarity	Pig (100%), Horse (100%), Rabbit (92%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Raji cells, using UFD1L antibody.



IHC (Immunohistochemistry)

AAA323317 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-UFD1L antibody	Function: Essential component of the ubiquitin-dependent proteolytic pathway which degrades ubiquitin fusion proteins. The ternary complex containing UFD1, VCP and NPLOC4 binds ubiquitinated proteins and is necessary for the export of misfolded proteins from the ER to the cytoplasm, where they are degraded by the proteasome. The NPLOC4-UFD1-VCP complex regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope. It may be involved in the development of some ectoderm-derived structures (By similarity). Acts as a negative regulator of type I interferon production via the complex formed with VCP and NPLOC4, which binds to DDX58/RIG-I and recruits RNF125 to promote ubiquitination and degradation of DDX58/RIG-I (PubMed:26471729). Subunit Structure: Heterodimer with NPLOC4, this heterodimer binds VCP and inhibits Golgi membrane fusion (PubMed:11574150, PubMed:26471729). Interacts with USP13 (PubMed:21571647). Interacts with ZFAND2B; probably through VCP (PubMed:24160817). Similarity: Belongs to the UFD1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	241982785
NCBI GeneID	7353
NCBI Accession #	NP_001030324.2
NCBI GenBank Nucleotide #	NM_001035247.2
UniProt Accession #	Q92890; Q9Y5N0; A8MW31
Molecular Weight	Observed: 35 kDa Predicted: 35 kDa
NCBI Official Full Name	ubiquitin recognition factor in ER-associated degradation protein 1 isoform B
NCBI Official Synonym Full Names	ubiquitin recognition factor in ER associated degradation 1
NCBI Official Symbol	UFD1
NCBI Official Synonym Symbols	UFD1L
NCBI Protein Information	ubiquitin recognition factor in ER-associated degradation protein 1
UniProt Protein Name	Ubiquitin recognition factor in ER-associated degradation protein 1
UniProt Gene Name	UFD1
UniProt Synonym Gene Names	UFD1L; UB fusion protein 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ufd1l-antibody-immunohistochemistry-western-blot-elisa/323317>