

## **UFD1L Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59366

## **Specification**

# **UFD1L Polyclonal Antibody - Product Information**

Application WB, IHC-P, IHC-F, IF, E

Primary Accession <u>Q92890</u>

Reactivity Rat, Pig, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 34500

# **UFD1L Polyclonal Antibody - Additional Information**

# **Gene ID** 7353

#### **Other Names**

Ubiquitin recognition factor in ER-associated degradation protein 1 {ECO:0000312|HGNC:HGNC:12520}, Ubiquitin fusion degradation protein 1, UB fusion protein 1, UFD1 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=12520" target="blank">HGNC:12520</a>), UFD1L

#### **Dilution**

<span class ="dilution\_WB">WB~~1:1000</span><br \><span class
="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class
="dilution\_IF">IF~~1:50~200</span><br \><span class ="dilution\_E">E~~N/A</span>

#### Storage

Store at -20  $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4  $^{\circ}$ C.

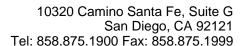
# **UFD1L Polyclonal Antibody - Protein Information**

Name UFD1 (<u>HGNC:12520</u>)

Synonyms UFD1L

### **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 RIGI and recruits RNF125 to promote ubiquitination and degradation of





RIGI (PubMed:<a href="http://www.uniprot.org/citations/26471729" target=" blank">26471729</a>).

### **Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q9ES53}. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q9ES53}

### **Tissue Location**

Found in adult heart, skeletal muscle and pancreas, and in fetal liver and kidney

# **UFD1L Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

**UFD1L Polyclonal Antibody - Images**