泛素融合降解样蛋白 1 抗体

产品货号： mlR9733

英文名称： UFD1L

中文名称： 泛素融合降解样蛋白 1 抗体

别　　名： UB fusion protein 1; Ubiquitin fusion degradation 1 like (yeast); Ubiquitin fusion degradation 1 like; Ubiquitin fusion degradation protein 1 homolog; UFD1; UFD1L.

研究领域： 细胞生物　信号转导　细胞周期蛋白　细胞分化

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 34kDa

细胞定位： 细胞核 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human UFD1L:51-150/307

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. 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 ° C.

PubMed： PubMed

产品介绍 background :

UFD1L is a member of the UFD1 family of proteins and is a component of the ubiquitin-dependent proteolytic pathway which degrades ubiquitin fusion proteins. This complex, also containing UFD1L, VCP and NPLOC4, binds ubiquitinated proteins and is required for the export of misfolded proteins from the ER to the cytoplasm for disposal. The NPLOC4-UFD1L-VCP complex also regulates spindle disassembly at the end of mitosis and is necessary for the formation of a closed nuclear envelope. UFD1L gene hemizygosity is the cause of some developmental defects including DiGeorge syndrome (DGS), velo-cardio-facial syndrome (VCFS) and Opitz G/BBB syndrome. UFD1L has 2 named isoforms produced by alternative splicing.

Function:

Essential component of the ubiquitin-dependent proteolytic pathway which degrades ubiquitin fusion proteins. The ternary complex containing UFD1L, 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-UFD1L-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.

Subunit:

Heterodimer with NPLOC4, this heterodimer binds VCP and inhibits Golgi membrane fusion. Interacts with USP13.

Subcellular Location:

Cytoplasmic and Nuclear

Tissue Specificity:

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

Similarity:

Belongs to the UFD1 family.

SWISS:

Q92890

Gene ID:

7353

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.