

## FBXL5 蛋白抗体

产品货号： mlR8468

英文名称： FBXL5

中文名称： FBXL5 蛋白抗体

别名： F box and leucine rich repeat protein 5; F box/LRR repeat protein 5; F-box and leucine-rich repeat protein 5; F-box protein FBL4/FBL5; F-box/LRR-repeat protein 5; FBL4; FBL5; FBXL5; FBXL5\_HUMAN; FLR1; p45SKP2 like protein; p45SKP2-like protein.

研究领域： 细胞生物 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000 Flow-Cyt=1ug/Test

not yet tested in other applications.

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

分 子 量 : 79kDa

细胞定位 : 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human FBXL5:31-130/691

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：** Component of some SCF (SKP1-cullin-F-box) protein ligase complex that plays a central role in iron homeostasis by promoting the ubiquitination and subsequent degradation of IREB2/IRP2. Upon high iron and oxygen level, it specifically recognizes and binds IREB2/IRP2, promoting its ubiquitination and degradation by the proteasome. Promotes ubiquitination and subsequent degradation of DCTN1/p150-glued.

**Function:**

Component of some SCF (SKP1-cullin-F-box) protein ligase complex that plays a central role in iron homeostasis by promoting the ubiquitination and subsequent degradation of IREB2/IRP2. Upon high iron and oxygen level, it specifically recognizes and binds IREB2/IRP2, promoting its ubiquitination and degradation by the proteasome. Promotes ubiquitination and subsequent degradation of DCTN1/p150-glued.

**Subunit:**

Part of a SCF (SKP1-cullin-F-box) protein ligase complex. Interacts with ACO1/IRP1, IREB2/IRP2; the interaction depends on the 4Fe-4S cluster. Interacts with DCTN1/p150-glued.

**Subcellular Location:**

Cytoplasm, perinuclear region.

**Post-translational modifications:**

Ubiquitinated upon iron and oxygen depletion, leading to its degradation by the proteasome. Ubiquitination is regulated by the hemerythrin-like region that acts as an oxygen and iron sensor.

**Similarity:**

Contains 1 F-box domain.

Contains 7 LRR (leucine-rich) repeats.

SWISS:

Q9UKA1

Gene ID:

26234

**Important Note:**

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

产品图片

