泛素结合酶 7 相互作用蛋白 5 抗体

产品货号： mlR9145

英文名称： UBOX5

中文名称： 泛素结合酶 7 相互作用蛋白 5 抗体

别　　名： UIP5; UIP-5; UIP 5; RING finger protein 37; RNF37; U-box domain containing 5; U-box domain-containing protein 5; UBCE7IP5; ubiquitin conjugating enzyme 7 interacting protein 5; UBOX5; RNF37_HUMAN.

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, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

分 子 量： 59kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human UBOX5/RNF37:21-120/541

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： The U-box domain is a modified RING finger motif that has been implicated in the ubiquitin/proteasome system. The ubiquitin-conjugating enzyme 7-interacting protein 5 (UIP5), also designated U-box domain-containing protein 5 or RING finger protein 37, contains 1 RING-type zinc finger and 1 U-box domain. UIP5 has been shown to interact with UBCH7, an enzyme that mediates selective degradation of abnormal proteins. The gene encoding UIP5 maps to chromosome 20, which houses over 600 genes, some of which are associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome. Additionally, chromosome 20 contains a region with numerous genes which are thought important for seminal production and may be potential targets for male contraception.

Function:

E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation. Plays a critical role in chromatin inactivation and chromosome-wide transcriptional silencing during meiosis via ubiquitination of histone H2A. Binds leucine and is a negative regulator of the leucine-mTOR signaling pathway, thereby controlling cell growth.

Subunit:

Interacts with UBE2L3; promotes the UBE2B-H2A interaction and the ubiquitination of histone H2A by UBE2B and UBR2 (By similarity). Interacts with RECQL4.

Subcellular Location:

Nucleus. Note=Associated with chromatin during meiosis.

Tissue Specificity:

Broadly expressed, with highest levels in skeletal muscle, kidney and pancreas. Present in acinar cells of the pancreas (at protein level).

Similarity:

Belongs to the UBR1 family.

SWISS:

O94941

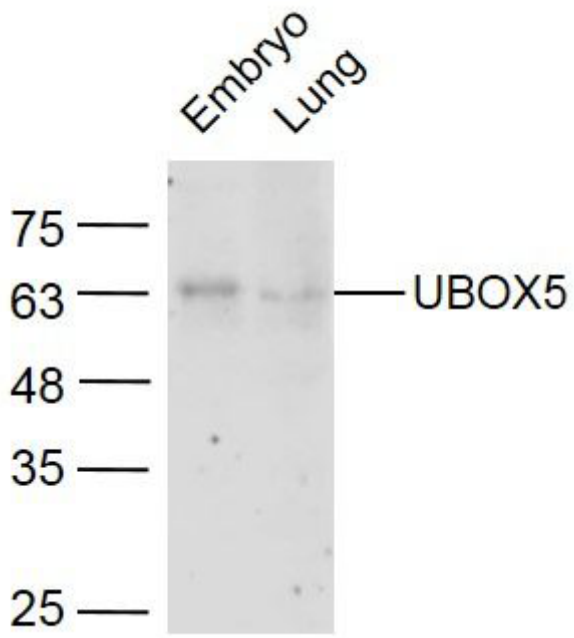
Gene ID:

22888

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


Embryo
Lung
75
63
48
35
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UBOX5