环指蛋白调节蛋白激酶 C 蛋白抗体

产品货号： mlR9151

英文名称： TRIM41

中文名称： 环指蛋白调节蛋白激酶 C 蛋白抗体

别　　名： RINCK; RING finger protein that interacts with C kinase; Trim41; Tripartite motif containing 41; TRI41_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, Dog, Cow, Sheep,

产品应用： 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： 72kDa

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 TRIM41:251-350/630

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： Tripartite motif-containing protein 41 (TRIM41), also known as RINCK, is a 630 amino acid member of the TRIM family, also known as the RING-B-box coiled-coil (RBCC) family. Members of the RBCC family

have an N-terminal RING finger, followed by one or two zinc-binding domains (B-box domains), a leucine coiled-coil region and a variable C-terminal domain. Localized to both the nucleus and cytoplasm, TRIM41 associates with protein kinase C (PKC) through the C1A domain of PKC. Studies have shown that overexpression of TRIM41 reduces the levels of PKC in cells, whereas knockdown of TRIM41 leads to increased levels of PKC. Thus, it is hypothesized that TRIM41 plays a role in regulating PCK levels in cells, specifically through the ubiquitination of PKC. Four isoforms of TRIM41 exist as a result of alternative splicing events.

Function:

Functions as an E3 ligase that catalyzes the ubiquitin-mediated degradation of protein kinase C.

Subunit:

Interacts with PRKCA.

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Expressed in multiple tissues with the highest levels in heart and skeletal muscle.

Post-translational modifications:

Auto-ubiquitinated.

Similarity:

Belongs to the TRIM/RBCC family.

Contains 1 B box-type zinc finger.

Contains 1 B30.2/SPRY domain.

Contains 1 RING-type zinc finger.

SWISS:

Q8WV44

Gene ID:

90933

Important Note:

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