

## 钾离子通道多聚体结构域蛋白 10 抗体

产品货号： mlR16925

英文名称： KCTD10

中文名称： 钾离子通道多聚体结构域蛋白 10 抗体

别名： BTB/POZ domain-containing protein KCTD10; FLJ41739; MSTP028; BACD3\_HUMAN; Potassium channel tetramerisation domain containing 10; ULRO61.

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： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （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 : 35kDa

细胞定位 : 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human KCTD10:101-200/313

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:**

KCTD10, a potassium channel tetramerisation domain-containing 10 gene is a novel member of the polymerase delta-interacting protein 1 (PDIP1) gene family. KCTD10 shares significant similarity in amino acid sequence to PDIP1 and can interact with the small subunit of DNA polymerase delta and PCNA as PDIP1 does. Like PDIP1, the expression of KCTD10 gene can be induced by TNF-alpha in NIH3T3 cells.

**Function:**

Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex. The BCR(BACURD3) E3 ubiquitin ligase complex mediates the ubiquitination of target proteins, leading to their degradation by the proteasome (By similarity).

**Subunit:**

Component of the BCR(BACURD3) E3 ubiquitin ligase complex, at least composed of CUL3, KCTD10/BACURD3 and RBX1. Interacts with DNA polymerase delta subunit 2/POLD2 (By similarity). Interacts with PCNA.

**Subcellular Location:**

Nuclear

**Similarity:**

Belongs to the BACURD family.

Contains 1 BTB (POZ) domain.

**SWISS:**

Q9H3F6

**Gene ID:**

83892

**Important Note:**

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