

## 钾离子通道四聚体结构域蛋白 5 抗体

产品货号： mlR9431

英文名称： KCTD5

中文名称： 钾离子通道四聚体结构域蛋白 5 抗体

别名： BTB/POZ domain-containing protein KCTD5; FLJ20040; KCTD5; KCTD5\_HUMAN; Potassium channel tetramerisation domain containing 5.

研究领域： 细胞生物 免疫学 通道蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 26kDa

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 KCTD5:101-200/234

**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 BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (poxvirus and zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. KCTD5 (potassium channel tetramerisation domain containing 5) is a 234 amino acid protein that localizes predominantly in the cytoplasm but translocates to the nucleus upon interaction with REP proteins. Existing as a homopentamer and consisting of one BTB (POZ) domain, KCTD5 associates with GRASP55, CUL-3 and ubiquitinated proteins. Interaction with CUL-3 suggests KCTD5 functions as a substrate adapter protein in some E3 ligase complexes.

**Subunit:**

Homopentamer. Interacts (via C-terminus) with GRASP55/GORASP2. Interacts with CUL3 and with ubiquitinated proteins. Interacts with adeno-associated virus 2 (AAV-2) REP proteins.

**Subcellular Location:**

Cytoplasm, cytosol. Nucleus. Note=Predominantly cytoplasmic, translocated to the nucleus upon interaction with Rep proteins.

**Similarity:**

Contains 1 BTB (POZ) domain.

**SWISS:**

Q9NXV2

**Gene ID:**

54442

**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

