Kelch 样蛋白 17 抗体

产品货号： mlR16765

英文名称： KLHL17

中文名称： Kelch 样蛋白 17 抗体

别　　名： Actinfilin; AL022703; BC058738; kelch like 17; kelch like family member 17; kelch like protein 17; Kelch-like protein 17; KLH17_HUMAN; Klhl17; RP11-54O7.6.

研究领域： 细胞生物　信号转导　表观遗传学　泛素

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow,

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： 70kDa

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 KLHL17:551-642/642

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.

PubMedPubMed

产品介绍 background:

The protein encoded by this gene is expressed in neurons of most regions of the brain. It contains an N-terminal BTB domain, which mediates dimerization of the protein, and a C-terminal Kelch domain, which mediates binding to F-actin. This protein may play a key role in the regulation of actin-based neuronal function. [provided by RefSeq, Aug 2010]

Function:

Substrate-recognition component of some cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex. The BCR(KLHL17) mediates the ubiquitination and subsequenct degradation of GLUR6. May play a role in the actin-based neuronal function.

Subunit:

Interacts with F-actin; the interaction disruptes the F-actin structures and leads to marked changes of neuronal morphology.

Subcellular Location:

Cell junction > synapse > postsynaptic cell membrane > postsynaptic density. Cell junction > synapse. Postsynaptic density.

Similarity:

Contains 1 BACK (BTB/Kelch associated) domain.

Contains 1 BTB (POZ) domain.

Contains 6 Kelch repeats.

SWISS:

Q6TDP4

Gene ID:

339451

Important Note:

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