FAM38A 蛋白抗体

产品货号： mlR14991

英文名称： FAM38A

中文名称： FAM38A 蛋白抗体

别　　名： Fam38a; KIAA0233; Membrane protein induced by beta-amyloid treatment; Mib; PIEZ1_HUMAN; Piezo-type mechanosensitive ion channel component 1; PIEZO1; Protein FAM38A; Protein FAM38B; Protein PIEZO1.

研究领域： 细胞生物　免疫学　细胞类型标志物

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 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： 287kDa

细胞定位： 细胞浆 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human FAM38A:2451-2521/2521

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 ℃ 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℃. 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 ℃.

PubMed： PubMed

产品介绍： Piezos are large transmembrane proteins conserved among various species, all having between 24 and 36 predicted transmembrane domains. 'Piezo' comes from the Greek 'piesi,' meaning 'pressure.' The FAM38A gene encodes PIEZO1, a protein that induces mechanically activated (MA) currents in various cell types (Coste et al., 2010 [PubMed 20813920]).[supplied by OMIM, Nov 2010]

Function:

Component of mechanosensitive channel required for the mechanosensitive currents. Plays a key role in epithelial cell adhesion by maintaining integrin activation through R-Ras recruitment to the ER, most probably in its activated state, and subsequent stimulation of calpain signaling.

Subcellular Location:

Endoplasmic reticulum membrane. Endoplasmic reticulum-Golgi intermediate compartment membrane. Cell membrane.

Tissue Specificity:

Expressed in numerous tissues. In normal brain, expressed exclusively in neurons, not in astrocytes. In Alzheimer disease brains, expressed in about half of the activated astrocytes located around classical senile plaques. In Parkinson disease substantia nigra, not detected in melanin-containing neurons nor in activated astrocytes.

Similarity:

Belongs to the PIEZO family.

SWISS:

Q92508

Gene ID:

9780

Important Note:

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

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