JM4 蛋白抗体

产品货号： mlR17203

英文名称： JM4

中文名称： JM4 蛋白抗体

别　　名： Jena Muenchen 4; JM 4; PRA1 domain family member 2; PRA1 family protein 2; PRAF2; PRAF2_HUMAN.

研究领域： 细胞生物　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 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： 19kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human JM4:101-178/178

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 ： JM4 is a 178 amino acid endosomal multi-pass membrane protein involved in vesicular trafficking and Endoplasmic reticulum/Golgi transport. As a member of the PRA1 family, JM4 contains four putative transmembrane (TM) domains, interacts with the CC chemokine receptor 5 (CCR5) and colocalizes with Calnexin in the ER and mannose 6-phosphate receptor (CD-MPR) in the Golgi apparatus. While ubiquitously expressed, JM4 has been found at high levels in small intestine, lung, pancreas, spleen, Purkinje cells of the cerebellum and in neuronal cells of the hippocampus, cerebral cortex and lateral ventricles of the brain. JM4 plays a proapoptic role in cerulenin-induced neuroblastoma apoptosis and has been implicated in human cancer. JM4, which serves as a candidate prognostic marker in neuroblastoma, is encoded by a gene that maps to human chromosome Xp11.23

Function:

May be involved in ER/Golgi transport and vesicular traffic. Plays a proapoptic role in cerulenin-induced neuroblastoma apoptosis.

Subcellular Location:

Endosome membrane.

Tissue Specificity:

Strong expression in the brain, small intestine, lung, spleen, and pancreas as well as in tumor tissues of the breast, colon, lung and ovary, with a weaker expression in normal tissues of the same patient. High expression in neuroblastic tumors. Strongly expressed in Purkinje cells and more moderately in cells of the molecular and the granular layers in the cerebellum. Detected in neuronal cells, but not in non-neuronal cells in the cerebral cortex, hippocampus, and lateral ventricles.

Similarity:

Belongs to the PRA1 family.

SWISS:

O60831

Gene ID:

11230

Important Note:

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