

囊泡相关膜蛋白 4 抗体

产品货号： mlR12681

英文名称： VAMP4

中文名称： 囊泡相关膜蛋白 4 抗体

别 名： VAMP 24; VAMP 4; VAMP-4; VAMP24; VAMP4; VAMP4 protein; VAMP4_HUMAN; Vesicle associated membrane protein 4; Vesicle associated membrane protein 4 isoform CRA a; Vesicle associated membrane protein 4 isoform CRA b; Vesicle-associated membrane protein 4.

研究领域： 细胞生物 神经生物学 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： 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： 18kDa

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 VAMP4:51-141/141

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： Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport. [provided by RefSeq, Jul 2008]

Function:

Involved in the pathway that functions to remove an inhibitor (probably synaptotagmin-4) of calcium-triggered exocytosis during the maturation of secretory granules. May be a marker for this sorting pathway that is critical for remodeling the secretory response of granule.

Subcellular Location:

Golgi apparatus > trans-Golgi network membrane. Associated with trans Golgi network (TGN) and newly formed immature secretory granules (ISG). Not found on the mature secretory organelles.

Similarity:

Belongs to the synaptobrevin family.

Contains 1 v-SNARE coiled-coil homology domain.

SWISS:

A2IDD8

Gene ID:

8674

Important Note:

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