

胞浆蛋白 SH3GL3 抗体

产品货号： mlR11702

英文名称： SH3GL3

中文名称： 胞浆蛋白 SH3GL3 抗体

别名： Endophilin I-III; Endophilin-III; CNSA3; EEN 2B L3; EEN B2; EEN2BL3; EENB2; Endophilin 3; Endophilin A3; H.sapiens mRNA for protein containing SH3 domain, SH3GL3; HsT19371; SH3 domain containing GRB2 like protein 3; SH3 domain GRB2 like 3; SH3 domain protein 2C; SH3D2C; SH3P13; SH3G3_HUMAN.

研究领域： 免疫学 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, Pig, Cow, 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： 39kDa

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 SH3GL3:121-220/347

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 endophilins comprise a family of three SH3 domain-containing proteins designated Endophilin I, II and III, or alternatively known as SH3P4, SH3P8 and SH3P13, respectively. These proteins associate with Amphiphysin, Synaptojanin and Dynamin and are implicated in presynaptic vesicle trafficking at nerve terminals. The expression patterns of the endophilins are consistent with their cellular functions at the neuronal synapse, as Endophilin I is expressed only in the brain. Both Endophilin II and Endophilin III are detected in a variety of tissues. Endophilin I is also implicated in modulating G protein-coupled receptor signaling by functioning as an adapter protein and directing 1 adrenergic receptors to the endocytic machinery.

Function:

SH3GL3 is implicated in endocytosis and may recruit other proteins to membranes with high curvature. It is found in brain and testis tissue. There are four isoforms.

Subunit:

Interacts with ARC (By similarity). Interacts with DNM1, SGIP1 and SYNJ1. Interacts with the huntingtin exon 1 protein (HDEX1P) containing a glutamine repeat in the pathological range and promotes formation of insoluble polyglutamine-containing aggregates in vivo. Interacts with DYDC1. Interacts with FASLG. Interacts with ATX2.

Subcellular Location:

Cytoplasm, early endosome membrane, peripheral membrane protein. Note: Associated with postsynaptic endosomes in hippocampal neurons. Associated with presynaptic endosomes in olfactory neurons.

Tissue Specificity:

Brain and testis.

Similarity:

Belongs to the endophilin family.

Contains 1 BAR domain.

Contains 1 SH3 domain.

SWISS:

Q99963

Gene ID:

6457

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

