

肌营养蛋白 α 抗体

产品货号 : mIR23134

英文名称 : Dystrobrevin alpha

中文名称 : 肌营养蛋白 α 抗体

别名 : DRP3; DTN; DTNA; Dystrophin related protein 3; FLJ96209; LVNC1; OTTHUMP00000163154;
OTTHUMP00000163155; D18S892E; DTN-A; DTNA_HUMAN.

研究领域 : 细胞生物 免疫学 神经生物学

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Dog, Horse,

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 : 81kDa

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 mouse Dystrobrevin alpha:301-400/743

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： Dystrobrevin alpha belongs to the dystrobrevin subfamily of the dystrophin family. It is a component of the dystrophin associated protein complex (DPC), which consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and alpha and beta dystrobrevin. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Dystrobrevin alpha may be involved in the formation and stability of synapses as well as being involved in the clustering of nicotinic acetylcholine receptors. Mutations in Dystrobrevin alpha are associated with left ventricular noncompaction with congenital heart defects.

Function:

Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, neuronal growth cone collapse and cell migration .

Subunit:

Homotetramer, and heterotetramer with CRMP1, DPYSL2, DPYSL4 or DPYSL5. Interacts with synaptic vesicle protein 2 and SH3A domain of intersectin.

Subcellular Location:

Cytoplasm. Cell projection, growth cone. Note=Colocalizes with synaptic vesicle protein 2 in the central region of the growth cone.

Tissue Specificity:

Mainly expressed in heart and skeletal muscle. Also strongly expressed in fetal brain and spinal cord.

Post-translational modifications:

Phosphorylation on Ser-522 by DYRK2 promotes subsequent phosphorylation on Thr-509, Thr-514 and Ser-518 by GSK3.

Similarity:

Belongs to the DHOase family. Hydantoinase/dihydropyrimidinase subfamily.

SWISS:

Q9D2N4

Gene ID:

13527

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

