

钠钙交换蛋白 3 抗体

产品货号： mlR2057

英文名称： NCX3

中文名称： 钠钙交换蛋白 3 抗体

别名： AW742262; MGC90626; Na(+)/Ca(2+)-exchange protein 3; Na+/Ca²⁺ exchange protein 3; Na+/Ca²⁺ exchanger 3; NAC3_HUMAN; NCX3; SCL8A3; Sodium calcium exchanger form 3; Sodium/calcium exchanger 3; Sodium/calcium exchanger SLC8A3; Solute carrier family 8 sodium calcium exchanger member 3.

研究领域： 肿瘤 神经生物学 信号转导 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 100kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human NCX3:641-740/927 <Cytoplasmic>

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 : SLC8A3 is a member of the sodium/calcium exchanger integral membrane protein family. Three mammalian isoforms in family 8 have been identified. Na⁺/Ca²⁺ exchange proteins are involved in maintaining Ca²⁺ homeostasis in a wide variety of cell types. The protein is regulated by intracellular calcium ions and is found in both the plasma membrane and intracellular organellar membranes, where exchange of Na⁺ for Ca²⁺ occurs in an electrogenic manner.

Function:

Rapidly transports Ca(2+) during excitation-contraction coupling. Ca(2+) is extruded from the cell during relaxation so as to prevent overloading of intracellular stores (By similarity).

Subcellular Location:

Membrane; Multi-pass membrane protein.

Tissue Specificity:

Isoform 2 is expressed in brain and skeletal muscle. Isoform 3 is expressed in excitable cells of brain, retina and skeletal muscle. Isoform 4 is expressed in skeletal muscle.

Similarity:

Belongs to the sodium/potassium/calcium exchanger family. SLC8 subfamily.

Contains 2 Calx-beta domains.

SWISS:

P57103

Gene ID:

6547

Important Note:

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

钠钙交换蛋白又称钠钙交换体，有三种同分异构体，即 NCX1、NCX2 和 NCX3。3 型 Na-Ca 交换蛋白-NCX3，主要在脑组织表达，分布与胞浆及胞膜。