

间隙连接蛋白 29GJE1 抗体

产品货号： mlR8631

英文名称： Connexin 29

中文名称： 间隙连接蛋白 29/GJE1 抗体

别名： Connexin 29; connexin29; connexin-29; Connexin 30.2; Connexin 31.3; Connexin-30.2; Connexin-31.3; CX23; Cx29 ; Cx30.2; Cx31.3; CXG3_HUMAN; Gap junction epsilon 1 protein; Gap junction epsilon-1 protein ; Gap junction gamma 3 protein; Gap junction gamma-3 protein; Gap junction protein epsilon 1 29kDa; Gap junction protein epsilon 1; Gap junction protein gamma 3 30.2kDa; Gap junction protein gamma 3; GJC 3 antibodyGJC3; GJE1; GJE 1.

研究领域： 细胞生物 信号转导 细胞粘附分子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Horse, Rabbit,

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： 31kDa

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 Connexin 29:151-250/279 <Extracellular>

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： Connexin 29 belongs to the connexin family and is a member of the epsilon-type subfamily. Connexin 29 is a membrane bound, multi-pass protein also known as gap junction epsilon-1 protein. A connexon, consisting of connexin hexamers, is a membrane bound structure that is integral in the formation of a gap junction. One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low molecular weight diffuse from one cell to a neighboring cell. Connexin 29 expression is restricted to the central nervous system and is present in brain, spinal cord, and sciatic nerve samples. It has been suggested that connexin 29 in the mature CNS contributes minimally to gap junctional intercellular communication in oligodendrocyte cell bodies. Rather, connexin 29 is targeted to myelin where it, along with connexin 32, may contribute to connexin-mediated communication between adjacent layers of uncompacted myelin.

Function:

One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.

Subunit:

A connexon is composed of a hexamer of connexins (By similarity).

Subcellular Location:

Cell membrane. Cell junction; gap junction.

Tissue Specificity:

CNS specific. Expression is restricted to brain, spinal cord, and sciatic nerve. According to PubMed:12881038, expression is abundant in skeletal muscle, liver, and heart, and to a minor degree in pancreas and kidney.

Similarity:

Belongs to the connexin family. Gamma-type subfamily.

SWISS:

Q8NFK1

Gene ID:

349149

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

