

受体蛋白酪氨酸磷酸酶 F 抗体

产品货号： mIR11530

英文名称： LAR

中文名称： 受体蛋白酪氨酸磷酸酶 F 抗体

别名： LAR; LAR protein; LARFN5C; PTPRF; LARS; LCA homolog; Leukocyte antigen related (LAR) PTP receptor; Leukocyte antigen related; Leukocyte antigen related PTP receptor; Leukocyte antigen related tyrosine phosphatase; Leukocyte common antigen related; Protein Tyrosine Phosphatase Receptor Type F; Protein tyrosine phosphatase receptor type F polypeptide; Ptprf; PTPRF protein; PTPRF_HUMAN; Receptor linked protein tyrosine phosphatase LAR; Receptor type tyrosine protein phosphatase F; Receptor type tyrosine protein phosphatase F precursor; Receptor-type tyrosine-protein phosphatase F.

研究领域： 肿瘤 细胞生物 神经生物学 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 Flow-Cyt=1μg/Test 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： 210kDa

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 PTPRF:30-100/1907 <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： The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains three Ig-like domains, and nine non-Ig like domains similar to that of neural-cell adhesion molecule. This PTP was shown to function in the regulation of epithelial cell-cell contacts at adherents junctions, as well as in the control of beta-catenin signaling. An increased expression level of this protein was found in the insulin-responsive tissue of obese, insulin-resistant individuals, and may contribute to the pathogenesis of insulin resistance. Two alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported. [provided by RefSeq, Jul 2008]

Function:

Possible cell adhesion receptor. It possesses an intrinsic protein tyrosine phosphatase activity.

The first PTPase domain has enzymatic activity, while the second one seems to affect the substrate specificity of the first one.

Subunit:

Interacts with GRIP1. Interacts with PPFIA1, PPFIA2 and PPFIA3. Interacts with INSR.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Similarity:

Belongs to the protein-tyrosine phosphatase family. Receptor class 2A subfamily.

Contains 8 fibronectin type-III domains.

Contains 3 Ig-like C2-type (immunoglobulin-like) domains.

Contains 2 tyrosine-protein phosphatase domains.

SWISS:

P10586

Gene ID:

5792

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

