

低密度脂蛋白受体相关蛋白 3 抗体

产品货号： mIR18364

英文名称： LRP3

中文名称： 低密度脂蛋白受体相关蛋白 3 抗体

别名： 105 kDa low-density lipoprotein receptor-related protein; hLRp105; Low density lipoprotein receptor related protein 3; Low-density lipoprotein receptor-related protein 3; LRP-3; Lrp3; LRP3_HUMAN.

研究领域： 肿瘤 细胞生物 信号转导 细胞膜受体 细胞膜蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

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

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： 79kDa

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 LRP3:31-130/770 <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 : Low-density lipoprotein receptor-related protein 3 (LRP3) is a 770 amino acid protein that contains two CUB domains and four LDL-receptor class A domains. LRP3 is widely expressed with highest expression in skeletal muscle and ovary and lowest expression in testis, colon and leukocytes. LRP3 is potentially a membrane receptor involved in the internalization of lipophilic molecules and/or signal transduction.

Function:

Probable receptor, which may be involved in the internalization of lipophilic molecules and/or signal transduction. Its precise role is however unclear, since it does not bind to very low density lipoprotein (VLDL) or to LRPAP1 in vitro.

Subcellular Location:

Membrane. Membrane > coated pit. Target information above from: UniProt accession O75074 The UniProt Consortium The Universal Protein Resource (UniProt) in 2010 Nucleic Acids Res. 38:D142-D148 (2010) .

Tissue Specificity:

Widely expressed. Highly expressed in skeletal muscle and ovary. Expressed at intermediate level in heart, brain, liver, pancreas, prostate and small intestine. Weakly expressed in testis, colon and leukocyte.

Similarity:

Belongs to the LDLR family.

Contains 2 CUB domains.

Contains 4 LDL-receptor class A domains.

SWISS:

O75074

Gene ID:

4037

Important Note:

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