

MFSD7 蛋白抗体

产品货号： mIR18905

英文名称： MFSD7

中文名称： MFSD7 蛋白抗体

别 名： Major facilitator superfamily domain-containing protein 7; mfsd7; MFSD7_HUMAN; MYL5; Myosin light polypeptide 5 regulatory protein.

研究领域： 细胞生物 信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

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： 58kDa

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 MFSD7:251-350/560

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： MFSD7 is a 560 amino acid multi-pass membrane protein that belongs to the major facilitator superfamily. Existing as three alternatively spliced isoforms, MFSD7 is likely a carrier that transports small solutes by using chemiosmotic ion gradients. Significantly, a related protein, MFSD2, may play a role in placenta morphogenesis and may also be involved in adaptive thermogenesis. The gene encoding MFSD7 maps to human chromosome 4, which encodes nearly 6% of the human genome and has the largest gene deserts (regions of the genome with no protein encoding genes) of all of the human chromosomes. Defects in some of the genes located on chromosome 4 are associated with Huntington's disease, Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

Subcellular Location:

Membrane.

Similarity:

Belongs to the major facilitator superfamily.

SWISS:

Q6UXD7

Gene ID:

84179

Important Note:

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