

干扰素诱导跨膜蛋白 3 抗体

产品货号 : mlR12265

英文名称 : Fragilis

中文名称 : 干扰素诱导跨膜蛋白 3 抗体

别名 : 1 8U; Ifitm 3; Ifitm3; IFM3_HUMAN; Interferon induced transmembrane protein 3 (1 8U); Interferon Induced Transmembrane Protein 3; Interferon inducible; Interferon inducible protein 1 8U; Interferon Inducible Protein 15; Interferon Inducible Protein Homolog; Interferon-induced transmembrane protein 3; Interferon-inducible protein 1-8U; IP15.

研究领域 : 细胞生物 发育生物学 干细胞 细胞膜蛋白

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Cow, Horse,

产品应用 : WB=1:500-2000 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 : 15kDa

细胞定位 : 细胞浆 细胞膜

性状 : Lyophilized or Liquid

浓度 : 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human Fragilis/IP15:41-100/133

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： IFITM3 is a multi-pass membrane protein that belongs to the IFITM (interferon inducible transmembrane) family of proteins. IFITM proteins are induced by type I and type II interferons and contain multiple interferon (IFN)-stimulated response elements (ISREs) in their promoter regions. IFITM proteins play important roles in many cellular processes and their expression requires the presence of the chromatin remodeling SWI/SNF-like BAF complexes. Cellular processes involving IFITM proteins include cellular anti-proliferative activities and homotypic cell adhesion functions of interferons. In addition, IFITM genes are often upregulated in various cancer cells, suggesting a possible role in carcinogenesis. Localizing to the membrane, IFITM3 is a 133 amino acid protein that is induced by IFN- α and IFN- γ . IFITM3 expression can be regulated by TEF-1, Brg-1 and Sp1

Function:

IFN-induced antiviral protein that mediates cellular innate immunity to at least three major human pathogens, namely influenza A H1N1 virus, West Nile virus (WNV), and dengue virus (WNV), by inhibiting the early step(s) of replication.

Subunit:

Interacts with SPP1; the interaction reduces OPN expression. Interacts with ATP6V0B and CD81.

Subcellular Location:

Cell membrane; Single-pass type II membrane protein. Late endosome membrane; Single-pass type II membrane protein. Lysosome membrane; Single-pass type II membrane protein.

Post-translational modifications:

Palmitoylation on membrane-proximal cysteines controls clustering in membrane compartments and antiviral activity against influenza virus.

Not glycosylated.

Polyubiquitinated with both 'Lys-48' and 'Lys-63' linkages. Ubiquitination negatively regulates antiviral activity. Lys-24 is the most prevalent ubiquitination site.

Similarity:

Belongs to the CD225 family.

SWISS:

Q01628

Gene ID:

10410

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

