

IFITM2 Rabbit pAb

货号: **B12530**

产品信息

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| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | WB: Homo sapiens |
| 应用 | WB |
| 推荐浓度 | WB: 1:500 - 1:2000 |
| 理论分子量 | 14kDa |
| 实测分子量 | 17kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | HeLa |
| 细胞定位 | Cell membrane,Single-pass membrane protein |
| 纯化 | Affinity purification |

抗原信息

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| 抗原信息 | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human IFITM2 (NP_006426.2). |
| 序列 | MNHIVQTFSPVNSGQPPNYEMLKEEQEVAMLGVPHNPAPPMSTVIHIRSETSVDPDHVVWSLFNTLFMNTCCLGFIAFAYSV KSRDRKMVGDTVGAQAYAS |

靶点信息

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| 研究背景 | IFN-induced antiviral protein which inhibits the entry of viruses to the host cell cytoplasm, permitting endocytosis, but preventing subsequent viral fusion and release of viral contents into the cytosol. Active against multiple viruses, including influenza A virus, SARS coronaviruses (SARS-CoV and SARS-CoV-2, Marburg virus (MARV, Ebola virus (EBOV, Dengue virus (DNV, West Nile virus (WNV, human immunodeficiency virus type 1 (HIV-1, hepatitis C virus (HCV and vesicular stomatitis virus (VSV. Can inhibit: influenza virus hemagglutinin protein-mediated viral entry, MARV and EBOV GP1,2-mediated viral entry, SARS-CoV and SARS-CoV-2 S protein-mediated viral entry and VSV G protein-mediated viral entry. Induces cell cycle arrest and mediates apoptosis by caspase activation and in p53-independent manner. In hepatocytes, IFITM proteins act in a coordinated manner to restrict HCV infection by targeting the endocytosed HCV virion for lysosomal degradation. IFITM2 and IFITM3 display anti-HCV activity that may complement the anti-HCV activity of IFITM1 by inhibiting the late stages of HCV entry, possibly in a coordinated manner by trapping the virion in the endosomal pathway and targeting it for degradation at the lysosome. |
| 基因ID | 10581 |
| 基因名 | IFITM2 |
| Swiss | Q01629 |
| 别名 | IFITM2;1-8D;DSPA2c |

产品验证

实验步骤

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