



上海谷研实业有限公司 TEL:021-39596320

3004901493@qq.com Shanghai Guyan Industrial Co., Ltd
www.goybio.com

膜相关环指蛋白1抗体

使用说明书

货号G0Y-01K0147

- 产品仅用于科研实验，不可用于临床诊断或人体相关用途。
- 有效期：12个月
- 保存条件：-20℃严格避光

产品概述

MARCHF1 | MARCH1 Rabbit pAb是一款靶向MARCH1（又称MARCHF1）蛋白的兔源多克隆科研抗体，中文全称为膜相关环指蛋白1兔多克隆抗体，仅用于科研场景，不支持临床诊断或治疗使用。

商品详情

English name:MARCHF1 | MARCH1 Rabbit pAb

Chinese name:膜相关环指蛋白1抗体

English alias:MARCH-I; MARCH1; RNF171; 2900024D24Rik; RGD1305148; MARH1_HUMAN; MARCHF1; Membrane-associated RING finger protein 1; Membrane-associated RING-CH protein I (MARCH-I); RING finger protein 171; RING-type E3 ubiquitin transferase MARCHF1; 2.3.2.27; MARH1_MOUSE; membrane associated ring-CH-type finger 1; membrane-associated ring finger (C3HC4) 1; membrane-associated ring finger (C3HC4) 1, E3 ubiquitin protein ligase; E3 ubiquitin-protein ligase MARCHF1

Application: WB

cross reaction:(predicted: Human, Mouse, Rat, Rabbit, Sheep, Cow, Chicken, Dog, Horse)

Antibody source:Rabbit

Related tags:AEAPBiotinHRPIRDye 800CW

Immunogen:KLH conjugated synthetic peptide derived from human MARCH1 : 101-200/289

subtype:IgG

trait:Liquid

Purification method:affinity purified by Protein A

Clone type:Polyclonal

Theoretical molecular weight:32 kDa

Concentration1mg/ml

Stock solution:0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

靶标

Gene name:MARCHF1

Protein name:E3 ubiquitin-protein ligase MARCHF1

subcellular localization:Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein (By similarity). Lysosome membrane; Multi-pass membrane protein (By similarity). Cytoplasmic vesicle membrane; Multi-pass membrane protein. Late endosome membrane; Multi-pass membrane protein. Early endosome membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein.

tissue specificity:Expressed in antigen presenting cells, APCs, located in lymph nodes and spleen. Also expressed in lung. Expression is high in follicular B cells, moderate in dendritic cells and low in splenic T cells.

post-translational modification:Has a short half-life. Instability/short half-life permits rapid changes that allow efficient induction of antigen presentation once antigen presenting cells, APCs, receive maturation signals. Small changes in protein levels significantly alter the cell surface display of MHC class II proteins (By similarity).

检测原理

一、Western Blot（免疫印迹法）

利用该抗体特异性识别样本中MARCH1（膜相关环指蛋白1，又称RNF171）的抗原表位。先通过电泳将蛋白按分子量分离，转膜后用一抗（该抗体）与靶蛋白特异性结合，再通过标记二抗的化学发光信号，定性/半定量检测样本中目标蛋白的表达，推荐稀释比例为1:500-2000。

二、双抗体夹心ELISA法

将MARCH1的捕获抗体包被在酶标板上，捕获样本中的靶抗原；再加入特异性检测抗体形成“捕获抗体-抗原-检测抗体”的免疫复合物，后续通过酶促显色反应，在450nm波长下读取OD值，结合标准曲线精准计算样本中MARCH1的蛋白浓度。

三、时间分辨荧光增强法

在双抗体夹心基础上，使用铕（Eu³⁺）标记的二抗替代常规酶标二抗，通过检测荧光信号强度定量。该方法灵敏度可达0.048ng/ml，相比常规ELISA无放射性污染，结果稳定性更优。

更详细说明书请找业务索取