

活性氧物种调节因子 1 抗体

产品货号： mIR21040

英文名称： ROMO1

中文名称： 活性氧物种调节因子 1 抗体

别 名： bA353C18.2; C20orf52; Mitochondrial targeting GXXXG protein; MTGMP; Protein MGR2 homolog;
Reactive oxygen species modulator 1; ROMO1; ROMO1_HUMAN; ROS modulator 1.

研究领域： 肿瘤 细胞生物 细胞周期蛋白 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep,

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： 8kDa

细胞定位： 细胞浆

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human ROMO1:1-50/79

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： The protein encoded by this gene is a mitochondrial membrane protein that is responsible for increasing the level of reactive oxygen species (ROS) in cells. The protein also has antimicrobial activity against a variety of bacteria by inducing bacterial membrane breakage. [provided by RefSeq, Nov 2014]

Function:

Induces production of reactive oxygen species (ROS) which are necessary for cell proliferation. May play a role in inducing oxidative DNA damage and replicative senescence.

Subcellular Location:

Mitochondrion membrane.

Tissue Specificity:

Up-regulated in a number of cancer cell lines when compared to a normal lung fibroblast cell line.

Similarity:

Belongs to the MGR2 family.

SWISS:

P60602

Gene ID:

140823

Important Note:

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