

## 嗅觉受体 ai1 抗体

产品货号： mlR18019

英文名称： Orai1

中文名称： 嗅觉受体 ai1 抗体

别名： Calcium release activated calcium channel protein 1; Calcium release activated calcium modulator 1; Calcium release-activated calcium channel protein 1; CRACM 1; CRACM1; CRCM1; CRCM1\_HUMAN; FLJ14466; Orai 1; ORAI calcium release activated calcium modulator 1; orai1; ORAT1; Protein orai 1; Protein orai-1; TMEM 142A; TMEM142A; Transmembrane protein 142A.

研究领域： 细胞生物 神经生物学 信号转导 细胞膜受体 G 蛋白偶联受体 t-淋巴细胞 G 蛋白信号

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, 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： 33kDa

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 Orai1:151-250/301 <Extracellular>

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 : Calcium release activated calcium channel protein 1; Calcium release activated calcium modulator 1; Calcium release-activated calcium channel protein 1; CRACM 1; CRACM1; CRCM1; CRCM1\_HUMAN; FLJ14466; Orai 1; ORAI calcium release activated calcium modulator 1; orai1; ORAT1; Protein orai 1; Protein orai-1; TMEM 142A; TMEM142A; Transmembrane protein 142A.

**Function:**

Ca(2+) release-activated Ca(2+) (CRAC) channel subunit which mediates Ca(2+) influx following depletion of intracellular Ca(2+) stores and channel activation by the Ca(2+) sensor, STIM1. CRAC channels are the main pathway for Ca(2+) influx in T-cells and promote the immune response to pathogens by activating the transcription factor NFAT.

**Subcellular Location:**

Cell membrane.

**DISEASE:**

Defects in ORAI1 are the cause of immune dysfunction with T-cell inactivation due to calcium entry defect type 1 (IDTICED1) [MIM:612782]. IDTICED1 is an immune disorder characterized by recurrent infections, impaired T-cell activation and proliferative response, decreased T-cell production of cytokines, and normal lymphocytes counts and serum immunoglobulin levels. In surviving patients ectodermal dysplasia with anhydrosis and non-progressive myopathy may be observed.

**Similarity:**

Belongs to the Orai family.

**SWISS:**

Q96D31

**Gene ID:**

84876

**Important Note:**

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