

— ABLYBIO, Help Your Research



# CRACR2A Rabbit pAb

货号: **AYP19174**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	45kDa/83kDa
实测分子量	45kDa
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,Mouse liver,Rat liver
细胞定位	Cytoplasm
纯化	Affinity purification

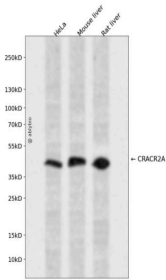
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human CRACR 2A (NP_001138430.1).
------	---

## 靶点信息

研究背景	[Isoform 1]: Ca <sup>2+</sup> -binding protein that plays a key role in store-operated Ca <sup>2+</sup> entry (SOCE in T-cells by regulating CRAC channel activation. Acts as a cytoplasmic calcium-sensor that facilitates the clustering of ORAI1 and STIM1 at the junctional regions between the plasma membrane and the endoplasmic reticulum upon low Ca <sup>2+</sup> concentration. It thereby regulates CRAC channel activation, including translocation and clustering of ORAI1 and STIM1. Upon increase of cytoplasmic Ca <sup>2+</sup> resulting from opening of CRAC channels, dissociates from ORAI1 and STIM1, thereby destabilizing the ORAI1-STIM1 complex.
基因ID	84766
基因名	CRACR2A
Swiss	Q9BSW2 ( <a href="https://www.uniprot.org/uniprotkb/Q9BSW2/entry">https://www.uniprot.org/uniprotkb/Q9BSW2/entry</a> )
别名	CRACR2A,EFCAB4B,CRACR2A Rabbit pAb,Calcium release-activated calcium channel regulator 2A,Calcium release-activated channel regulator 2A,Ras-related protein Rab-46,RAB46

## 产品验证



Western blot analysis of CRACR2A expressed in HeLa, Mouse liver, Rat liver using CRACR2A Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)