

Anti-Orai1 antibody [EPR3394(2)] ab111960

重组 RabMAb

3 References 2 图像

概述	
产品名称	Anti-Orai1 抗体[EPR3394(2)]
描述	兔单克隆抗体[EPR3394(2)] to Orai1
宿主	Rabbit
经测试应用	适用于: WB 不适用于: ICC/IF, IHC-Fr, IHC-P or IP
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Human platelet lysate and Ovary cancer lysate.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆

克隆编号EPR3394(2)

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab111960于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Detects a band of approximately 35,50 kDa (predicted molecular weight: 33 kDa). The 50kda band is the glycosylated Orai1 protein (PMID: 26956484).

应用说明 Is unsuitable for ICC/IF,IHC-Fr,IHC-P or IP.

靶标

功能

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.

疾病相关

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.

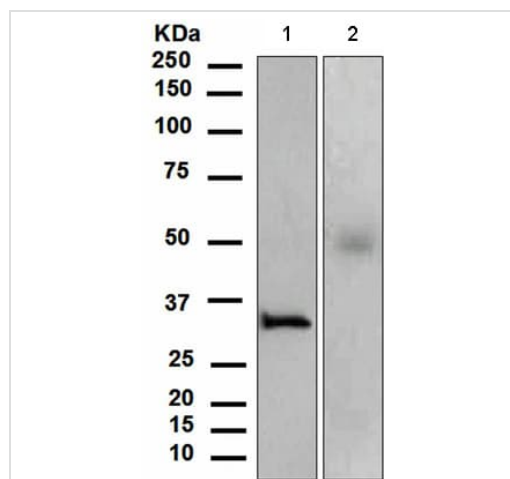
序列相似性

Belongs to the Orai family.

细胞定位

Cell membrane.

图片



Western blot - Anti-Orai1 antibody [EPR3394(2)] (ab111960)

All lanes : Anti-Orai1 antibody [EPR3394(2)] (ab111960) at 1/1000 dilution

Lane 1 : Human platelet lysate

Lane 2 : Human ovary cancer lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 33 kDa

The 50kda band is the glycosylated Orai1 protein (PMID: 26956484).

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-Orai1 antibody [EPR3394(2)] (ab111960)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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