

Anti-TRPM5 antibody [EPR7504] ab154788

重组 RabMAb

2 References **3 图像**

概述

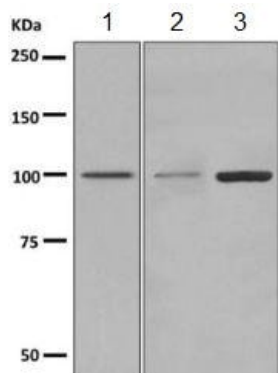
产品名称	Anti-TRPM5抗体[EPR7504]
描述	兔单克隆抗体[EPR7504] to TRPM5
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	293T, Human prostate and BxPC-3 lysates; Mouse heart, mouse spleen, rat heart and rat spleen lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR7504

同种型	IgG	
应用		
<div>The Abpromise guarantee<div>Abpromise™承诺保证使用ab154788于以下的经测试应用</div></div> <div>“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。</div>		
应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 131, 98 kDa.
应用说明	Is unsuitable for Flow Cyt,ICC/IF,IHC-P or IP.	
靶标		
功能	Voltage-modulated Ca(2+)-activated, monovalent cation channel (VCAM) that mediates a transient membrane depolarization and plays a central role in taste transduction. Monovalent-specific, non-selective cation channel that mediates the transport of Na(+), K(+) and Cs(+) ions equally well. Activated directly by increases in intracellular Ca(2+), but is impermeable to it. Gating is voltage-dependent and displays rapid activation and deactivation kinetics upon channel stimulation even during sustained elevations in Ca(2+). Also activated by a fast intracellular Ca(2+) increase in response to inositol 1,4,5-triphosphate-producing receptor agonists. The channel is blocked by extracellular acidification. External acidification has 2 effects, a fast reversible block of the current and a slower irreversible enhancement of current inactivation. Is a highly temperature-sensitive, heat activated channel showing a steep increase of inward currents at temperatures between 15 and 35 degrees Celsius. Heat activation is due to a shift of the voltage-dependent activation curve to negative potentials. Activated by arachidonic acid in vitro. May be involved in perception of bitter, sweet and umami tastes. May also be involved in sensing semiochemicals.	
组织特异性	Strongly expressed in fetal brain, liver and kidney, and in adult prostate, testis, ovary, colon and peripheral blood leukocytes. Also expressed in a large proportion of Wilms' tumors and rhabdomyosarcomas. In monochromosomal cell lines shows exclusive paternal expression.	
序列相似性	Belongs to the transient receptor (TC 1.A.4) family. LTrpC subfamily. TRPM5 sub-subfamily.	
细胞定位	Cell membrane.	

图 片



Western blot - Anti-TRPM5 antibody [EPR7504]
(ab154788)

All lanes : Anti-TRPM5 antibody [EPR7504] (ab154788) at 1/1000 dilution

Lane 1 : 293T cell lysate

Lane 2 : Human prostate lysate

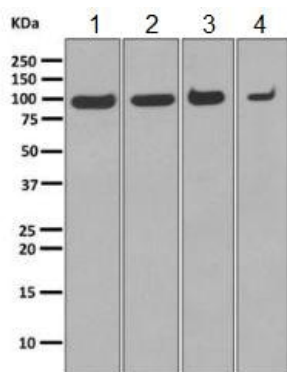
Lane 3 : BxPC-3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 131, 98 kDa



Western blot - Anti-TRPM5 antibody [EPR7504]
(ab154788)

All lanes : Anti-TRPM5 antibody [EPR7504] (ab154788) at 1/1000 dilution

Lane 1 : Mouse heart lysate

Lane 2 : Mouse spleen lysate

Lane 3 : Rat heart lysate

Lane 4 : Rat spleen lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 131, 98 kDa

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-TRPM5 antibody [EPR7504] (ab154788)

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

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