# TRPM8 Rabbit Polyclonal Antibody(Center)

产品详情

| 产品货号 | 产品名称 | 储存条件 | 保质期 |
|---|---|---|---|
| IM37900 | TRPM8 Rabbit Polyclonal Antibody(Center) | 2-8℃ | 2 周 |

## 产品概述：

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| 产品货号 | IM37900 |
| 别名 | Transient receptor potential cation channel subfamily M member 8,Long transient receptor potential channel 6,LTrpC-6,LTrpC6,Transient receptor potential p8,Trp-p8,TRPM8,LTRPC6,TRPP8 |
| 产品名称 | TRPM8 Rabbit Polyclonal Antibody(Center) |
| 类别 | 抗体产品 |
| 推荐应用 | IHC-P,IF-ICC,WB |
| 反应种属 | Human,Rat,Mouse |
| 存储缓冲液 | Purified polyclonal antibody supplied in PBS with 0.09%(W/V)New type preservative N.This antibody is prepared by Saturated Ammonium Sulfate(SAS)precipitation followed by dialysis against PBS. |
| Human Gene ID | NP_076985.4 |
| Human Swissprot No. | Q7Z2W7 |
| 特异性 | This TRPM8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-292 amino acids from the Central region of human TRPM8. |
| 稀释度 | WB 1:1000,IHC-P 1:100-500,IF-ICC 1:10-50 |

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| 预测分子量 | 128kDa |
| 运输及保存条件 | Maintain refrigerated at 2-8℃ for up to 2 weeks.For long term storage store at -20℃ in small aliquots to prevent freeze-thaw cycles. |
| 宿主 | Rabbit |
| 同种型 | IgG |
| 背景介绍 | Receptor-activated non-selective cation channel involved in detection of sensations such as coolness,by being activated by cold temperature below 25 degrees Celsius.Activated by icilin, eucalyptol,menthol,cold and modulation of intracellular pH. Involved in menthol sensation.Permeable for monovalent cations sodium,potassium,and cesium and divalent cation calcium. Temperature sensing is tightly linked to voltage-dependent gating. Activated upon depolarization,changes in temperature resulting in graded shifts of its voltage-dependent activation curves.The chemical agonists menthol functions as a gating modifier,shifting activation curves towards physiological membrane potentials. Temperature sensitivity arises from a tenfold difference in the activation energies associated with voltage-dependent opening and closing. |
| 组织表达 | Expressed in prostate.Also expressed in prostate tumors and in non-prostatic primary tumors such as colon,lung,breast and skin tumors. |
| 细胞定位 | Cell membrane;Multi-pass membrane protein.Membrane raft. Endoplasmic reticulum membrane.Note=Localizes to membrane rafts but is also located in the cell membrane outside of these regions where channel response to cold is enhanced compared to membrane rafts(By |

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| 细胞定位 | similarity).Located in the endoplasmic reticulum in prostate cancer cells. |
| 功能 | Receptor-activated non-selective cation channel involved in detection of sensations such as coolness,by being activated by cold temperature below 25 degrees Celsius.Activated by icilin, eucalyptol,menthol,cold and modulation of intracellular pH. Involved in menthol sensation.Permeable for monovalent cations sodium,potassium,and cesium and divalent cation calcium. Temperature sensing is tightly linked to voltage-dependent gating. Activated upon depolarization,changes in temperature resulting in graded shifts of its voltage-dependent activation curves.The chemical agonist menthol functions as a gating modifier,shifting activation curves towards physiological membrane potentials. Temperature sensitivity arises from a tenfold difference in the activation energies associated with voltage-dependent opening and closing.In prostate cancer cells,shows strong inward rectification and high calcium selectivity in contrast to its behavior in normal cells which is characterized by outward rectification and poor cationic selectivity.Plays a role in prostate cancer cell migration (PubMed:25559186).Isoform 2 and isoform 3 negatively regulate menthol and cold-induced channel activity by stabilizing the closed state of the channel. |
| Clonality | Polyclonal |

## 注意事项：

1.我司生产的生化试剂如无特殊标注，基本为非无菌包装，若用于细胞实验，请提前做好预处理。需低温保存的产品，一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。
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4.实验结果受多种因素影响，相关处理仅限于产品本身，不涉及其他赔偿。

## 相关产品：

| 品牌 | 货号 | 名称 |
|---|---|---|
| 英普特 | IM20002 | HRP*Goat Anti Rabbit IgG(H+L) |
| 英普特 | IM10180 | 彩色预染标准分子量蛋白 Marker(10-180KD)(三色) |
| 英普特 | IM35371 | DDX58 (15B14) Rabbit Monoclonal Antibody |
| 英普特 | IM34126 | Caveolin-1(16G7)Rabbit Monoclonal Antibody |
| 英普特 | IM36924 | AER61(11Q1)Rabbit Monoclonal Antibody |
| 英普特 | IM38639 | GLS Rabbit Polyclonal Antibody(C-Term) |
| 英普特 | IM54582 | NET-5 Rabbit Polyclonal Antibody |
| 英普特 | IM33108 | Ubiquitin K63(17N13)Rabbit Monoclonal Antibody |

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