

公司产品仅供科学研究实验，不得用于临床！

商品详情：

英文名称：TRPM8

中文名称：“冷”蛋白TRPM8抗体

别名：LTrpC-6; LTrpC6 antibody Short form of the TRPM8 cationic channel; Transient receptor potential cation channel subfamily M member 8; Transient receptor potential p8; Trp p8; Trp-p8; Trpm8; TRPM8_HUMAN; TRPP8; MGC2849; transient receptor potential-p8; Long transient receptor potential channel 6.

研究领域肿瘤： 细胞生物 免疫学 神经生物学 信号转导

抗体来源：Rabbit

克隆类型：Polyclonal

交叉反应：(predicted: Human, Mouse, Rat, Dog, Sheep,)

产品应用：ELISA=1:5000-10000 IHC-P=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.

理论分子量：128kDa

细胞定位：细胞膜

性状：Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human TRPM8: 81-180/1104

亚型：IgG

纯化方法：affinity purified by Protein A

缓冲液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

PubMedPubMed

产品介绍： 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.

Function:

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.