

# ITPR2 Rabbit pAb

货号: B22428

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	IHC
推荐浓度	IHC: 1:50 - 1:200
理论分子量	
实测分子量	
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	
细胞定位	cell cortex,endoplasmic reticulum,nucleoplasm,plasma membrane
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 2415-2480 of human ITPR2 (NP_002214.2).
序列	LFKDDFTMEVDRLKNRTPVTGSHQVPTMTLTTMMEACAKENCSTIPASNTADEEYEDGIERTCD

靶点信息

研究背景	The protein encoded by this gene belongs to the inositol 1,4,5-triphosphate receptor family, whose members are second messenger intracellular calcium release channels. These proteins mediate a rise in cytoplasmic calcium in response to receptor activated production of inositol triphosphate. Inositol triphosphate receptor-mediated signaling is involved in many processes including cell migration, cell division, smooth muscle contraction, and neuronal signaling. This protein is a type 2 receptor that consists of a cytoplasmic amino-terminus that binds inositol triphosphate, six membrane-spanning helices that contribute to the ion pore, and a short cytoplasmic carboxy-terminus. A mutation in this gene has been associated with anhidrosis, suggesting that intracellular calcium release mediated by this protein is required for eccrine sweat production. [provided by RefSeq, Apr 2015]
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基因ID	3709
基因名	ITPR2
Swiss	Q14571
别名	ANHD;CFAP48;INSP3R2;IP3R2;ITPR2

产品验证

实验步骤

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