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# ITPR2 Rabbit pAb

**货号: AYP22428**

## 产品信息

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|---|---|
| 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℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Skeletal muscle,Heart |
| 细胞定位 | cell cortex,endoplasmic reticulum,nucleoplasm,plasma membrane |
| 纯化 | Affinity purification |

## 抗原信息

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

## 靶点信息

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| 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] |
| 基因ID | 3709 |
| 基因名 | ITPR2 |
| Swiss | Q14571 (https://www.uniprot.org/uniprotkb/Q14571/entry) |
| 别名 | ANHD,CFAP48,INSP3R2,IP3R2,ITPR2,ITPR2 Rabbit pAb,IP3 receptor isoform 2,Inositol 1,4,5-trisphosphate receptor type 2,Type 2 inositol 1,5-trisphosphate receptor |

## 产品验证

## 实验步骤

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