

## 三磷酸腺苷受体 P2X1 抗体

产品货号： mlR21358

英文名称： P2RX1

中文名称： 三磷酸腺苷受体 P2X1 抗体

别名： P2X1; ATP receptor; ATP receptor; H sapiens mRNA for ATP receptor; H.sapiens mRNA for ATP receptor; P2 RX1; P2RX1; P2RX1 protein; P2RX1\_HUMAN; P2X purinoceptor 1; P2X receptor subunit 1; P2X1; P2X1 receptor; Purinergic receptor; Purinergic receptor P2X ligand gated ion channel 1; Purinergic receptor P2X ligand-gated ion channel 1; Purinergic receptor P2X1.

研究领域： 心血管 细胞生物 细胞凋亡 通道蛋白 细胞膜受体

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=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.

分 子 量 : 45kDa

细胞定位 : 细胞膜

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human P2RX1:

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** The P2X receptor family is comprised of ligand-gated ion channels that allow for the increased permeability of calcium into the cell in response to extracellular ATP. The seven P2X receptors, P2X1-P2X7, form either homomeric or heteromeric channels or both. They are characterized by intracellular amino- and carboxy-termini. P2X receptors are expressed in a wide variety of tissues, including neurons, prostate, bladder, pancreas, colon, testis and ovary. The major function of the P2X receptors is to mediate synaptic transmissions between neurons and to other tissues via the binding of extracellular ATP, which acts as a neurotransmitter. The P2X receptors may be involved in the onset of necrosis or apoptosis after prolonged exposure to high concentrations of extracellular ATP.

**Function:**

Ligand-gated ion channel with relatively high calcium permeability. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle. Seems to be linked to apoptosis, by increasing the intracellular concentration of calcium in the presence of ATP, leading to programmed cell death.

**Subunit:**

Homo- or heteropolymers (By similarity).

**Subcellular Location:**

Membrane; Multi-pass membrane protein.

**Similarity:**

Belongs to the P2X receptor family.

**SWISS:**

P51575

**Gene ID:**

5023

**Important Note:**

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

产品图片

