

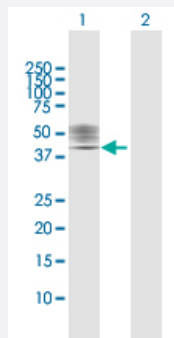
MaxPab®

P2RX1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005023-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of P2RX1 expression in transfected 293T cell line ([H00005023-T05](#)) by P2RX1 MaxPab polyclonal antibody.

Lane 1: P2RX1 transfected lysate(45.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human P2RX1 protein.

Immunogen

P2RX1 (NP_002549.1, 1 a.a. ~ 399 a.a) full-length human protein.

Sequence

MARRFQEELAAFLFEYDTPRMVLVRNKKVGVIFRLIQLVVLVYVIGWVFLYEKGYQTSSGLISSVSV
KLKGLAVTQLPGLGPQVWDVADYVFPAQGDNSFVVMTNFVTPKQTQGYCAEHPEGGICKEDSG
CTPGKAKRKAQGIRTGKCVAFNDTVKTCEIFGWCPVEVDDDIPRALLREAENFTLFKNSISFPRF
KVNRRNLVEEVNAAHMKTCLEHKLHPLCPVFQLGYVQESQNFSTLAEKGGVVGITDWHCDL
DWHVRHCRPIYEFHGLYEEKNLSPGFNFRFARHFVENGTNYRHLFKVFGIRFDILVDGKAGKFDIIP
TMTTIGSGIGFVATVLCDLLLHILPKRHYYQKKFKYAEDMGPGAERDLAATSSTLGLQENMR
TS

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — P2RX1

Entrez GeneID [5023](#)

GeneBank Accession# [NM_002558](#)

Protein Accession# [NP_002549.1](#)

Gene Name P2RX1

Gene Alias P2X1

Gene Description purinergic receptor P2X, ligand-gated ion channel, 1

Omim ID [600845](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel with relatively high calcium permeability. Binding to ATP mediates synaptic transmission between neurons and from neurons to smooth muscle, being responsible, for example, for sympathetic vasoconstriction in small arteries, arterioles and vas deferens. Mouse studies suggest that this receptor is essential for normal male reproductive function. It is possible that the development of selective antagonists for this receptor may provide an effective non-hormonal male contraceptive pill. [provided by RefSeq]

Other Designations ATP receptor|P2X purinoceptor 1|P2X receptor, subunit 1|P2X1 receptor|purinergic receptor P2X1

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)