

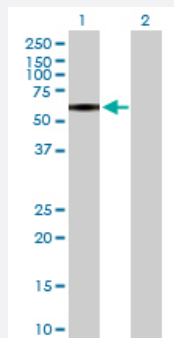
MaxPab®

P2RX4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005025-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of P2RX4 expression in transfected 293T cell line ([H00005025-T01](#)) by P2RX4 MaxPab polyclonal antibody.

Lane 1: P2RX4 transfected lysate(43.40 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human P2RX4 protein.
Immunogen	P2RX4 (NP_002551.2, 1 a.a. ~ 388 a.a) full-length human protein.
Sequence	MAGCCAALAAFLFEYDTPRVLIRSRKVGLMNRVQLLILAYVIGWVFVWEKGYQETDSVSSVTT KVKGVAVTNTSKLGFMRWDVADYVIPAQEENSLFVMTNVILTMNQTQGLCPEIPDATTVCCKSDASC TAGSAGTHSNGVSTGRCAVAFNGSVKTCCEVAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNWYP KFNFSKRNLPNITTTYLKSCYDAKTDPFCEIFRLGKIVENAGHSFQDMAVEGGIMGIQVNWDCNLD RAASLCLPRYSFRRLDTRDVEHNVSPGYNFRFAKYRDLAGNEQRTLKAYGIRFDIVFGKAGKFDI IPTMINIGSGLALLGMATVLCDIVLYCMKKRLYYREKKYKVEDYEQGLASELDQ
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 — P2RX4

Entrez GeneID [5025](#)

GeneBank Accession# [NM_002560.2](#)

Protein Accession# [NP_002551.2](#)

Gene Name P2RX4

Gene Alias P2X4, P2X4R

Gene Description purinergic receptor P2X, ligand-gated ion channel, 4

Omim ID [600846](#)

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 high calcium permeability. The main pharmacological distinction between the members of the purinoceptor family is the relative sensitivity to the antagonists suramin and PPADS. The product of this gene has the lowest sensitivity for these antagonists. Multiple alternatively spliced transcript variants have been identified for this gene although their full-length nature has not been determined. [provided by RefSeq]

Other Designations ATP receptor|ATP-gated cation channel protein|P2X purinoceptor 4|P2X receptor, subunit 4|purinergic receptor P2X4|purinoceptor P2X4

Pathway

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

Disease

- [Agoraphobia](#)
- [Anxiety Disorders](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Panic Disorder](#)
- [Phobic Disorders](#)