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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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P2RX4 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005025-D01P

規格 : [100 ug]

[List All](#)

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:
 MAGCCAALAAFLFEYDTPRIVLIRSRKVGLMNRVQLLILAYVIGWVFW
 EKG YQETDSVSSVTTKVKGVAVTNTSKLGFRIWDVADYVIPAQEENSLF
 VMTNMLTMMNQ TQGLCPEIPDATTVCKSDASCTAGSAGTHSNGVSTGRC
 VAFNGSVKTCEVAAWCPVEDDTHVPQPAFLKAAENFTLLVKNNIWYPKF
 NFSKRNLPNITTTYLKSCIYDAKTDPF C PIFRLGKIVENAGHSFQDMAVEG
 GIMGIQVNWDCNLDRAASLCLPRYSFRRLDTRDVEHNVSPGYNFRFAKY
 YRDLAGNEQRTLKAYGIRFDIIVFGKAGKFDIIP TMINIGSGLALLGMATVL
 CDIIVLYCMKKRLYYREKKYKYVEDYEQGLASELDQ

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

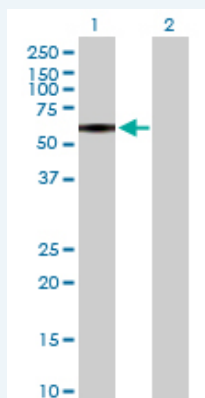
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)



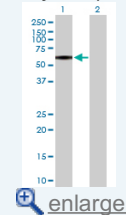
Western Blot analysis of P2RX4 expression in transfected 293T cell line ([H00005025-T01](#)) by P2RX4 MaxPab polyclonal antibody.

Lane 1: P2RX4 transfected lysate(43.40 KDa).

Lane 2: Non-transfected lysate.

Application Image

Western Blot (Transfected lysate)



[Protocol Download](#)

Gene Information

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 natures have 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

Gene Pathway

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

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