

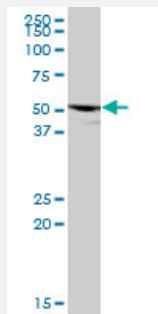
MaxPab®

P2RX5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005026-B01P

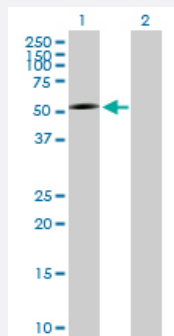
Size 50 ug

Applications



Western Blot (Tissue lysate)

P2RX5 MaxPab polyclonal antibody. Western Blot analysis of P2RX5 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of P2RX5 expression in transfected 293T cell line ([H00005026-T02](#)) by P2RX5 MaxPab polyclonal antibody.

Lane 1: P2RX5 transfected lysate(46.42 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human P2RX5 protein.

Immunogen

P2RX5 (NP_002552.2, 1 a.a. ~ 422 a.a) full-length human protein.

Sequence

MGQAGCKGLCLSLFDYKTEKYVIAKNKKVGLLYRLLQASILAYLVVWVFLIKKGYQDVTSLQSAVI
TKVKGVAFTNTSDLGQRWDVADYVIPAQGENVFFVVTNLVTPNQQRQNVCAENEGIPDGACSKD
SDCHAGEAVTAGNGVKTRCLRRENLARGTCEIFAWCPLETSSRPEEPFLKEAEDFTIFIKNHIRF
PKFNFSKSNVMDVKDRSFLKSFHFGPKNHYPFRLGSRVIRWAGSDFQDIALEGGVIGINIEWNCD
LDKAASECHPHYSFSRLDNKLSKSVSSGYNFRFARYYRDAAGVEFRTLKAYGIRFDVMVNGKG
AFFCDLVLMYIKKREFYRDKKYEEVRGLEDSSQEADEASGLGLSEQLTSGPGLLGMPQQELQ
EPPEAKRGSSSQKGNGSVCPQLLEPHRST

Host	Mouse
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.

Applications

- Western Blot (Tissue lysate)

P2RX5 MaxPab polyclonal antibody. Western Blot analysis of P2RX5 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of P2RX5 expression in transfected 293T cell line ([H00005026-T02](#)) by P2RX5 MaxPab polyclonal antibody.

Lane 1: P2RX5 transfected lysate(46.42 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — P2RX5

Entrez GeneID	5026
GeneBank Accession#	NM_002561.2
Protein Accession#	NP_002552.2
Gene Name	P2RX5
Gene Alias	MGC47755, P2X5, P2X5R
Gene Description	purinergic receptor P2X, ligand-gated ion channel, 5
Omim ID	602836
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. Several characteristic motifs of ATP-gated channels are present in its primary structure, but, unlike other members of the purinoceptors family, this receptor has only a single transmembrane domain. Three transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

ATP receptor subunit|P2X purinoceptor 5|ionotropic ATP receptor P2X5|purinergic receptor P2X ligand gated ion channel 5|purinergic receptor P2X5

Pathway

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