

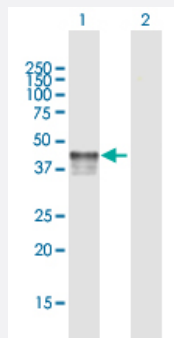
MaxPab®

P2RY2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005029-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of P2RY2 expression in transfected 293T cell line ([H00005029-T01](#)) by P2RY2 MaxPab polyclonal antibody.

Lane 1: P2RY2 transfected lysate(41.58 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human P2RY2 protein.

Immunogen

P2RY2 (AAH28135, 1 a.a. ~ 377 a.a) full-length human protein.

Sequence

MAADLGPWNDTINGTWDGDELGYRCRFNEDFKYVLLPVSYGVVVCVLGLCLNAVALYIFLCRLKWTW
NASTTYMFHLAVSDALYAASLPLLVEYYARGDHWPFSTVLCKLVRFLFYTNLYCSILFLTCISVHRCL
GVLRLRSLRWGRARYARRVAGAVVWLVLACQAPVLYFVTTTSARGGRVTCHDTSAPELFSRFVA
YSSVMLGLLFAVPFAVILVCYVLMARRLLKPAYGTSGGLPRAKRKSVRTIAVVLAVFALCFLPFHVT
RTLYYSFRLDLSCHTLNAINMAYKVTRPLASANSCLDPVLYFLAGQRLVRFARDAKPPTGPSPAT
PARRRLGLRRSDRDTMQRIEDVLGSSSEDSRRTSTPAGSENTKDRL

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

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[Protocol Download](#)

Gene Info — P2RY2

Entrez GeneID [5029](#)

GeneBank Accession# [BC028135](#)

Protein Accession# [AAH28135](#)

Gene Name P2RY2

Gene Alias HP2U, MGC20088, MGC40010, P2RU1, P2U, P2U1, P2UR, P2Y2, P2Y2R

Gene Description purinergic receptor P2Y, G-protein coupled, 2

Omim ID [600041](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is responsive to both adenosine and uridine nucleotides. It may participate in control of the cell cycle of endometrial carcinoma cells. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]

Other Designations ATP receptor|P2U nucleotide receptor|P2U purinoceptor 1|P2Y purinoceptor 2|purinergic receptor P2Y2|purinoceptor P2Y2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Myocardial Infarction](#)