

P2RY2 Rabbit pAb

Catalog No.: A5779

Basic Information

Observed MW

51kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

The product of this gene belongs to the family of P2 receptors, which is activated by extracellular nucleotides and subdivided into P2X ligand-gated ion channels and P2Y 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, found on many cell types, is activated by ATP and UTP and is reported to be overexpressed on some cancer cell types. It is involved in many cellular functions, such as proliferation, apoptosis and inflammation. Three transcript variants encoding the same protein have been identified for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

5029

Swiss Prot

P41231

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 278-377 of human P2RY2 (NP_002555.4).

Synonyms

P2U; HP2U; P2U1; P2UR; P2Y2; P2RU1; P2Y2R; P2RY2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

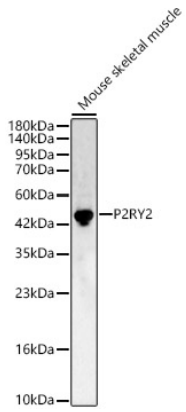
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of Mouse skeletal muscle, using P2RY2 Rabbit pAb (A5779) at 1:400 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 30s.