

P2RY2

Reactivity: Human Mouse

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 42kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human P2RY2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

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

Catalog #: A5779

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5029

Isotype: IgG

Swiss Prot: P41231

Purity: Affinity purification

For research use only.

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.

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