



Rabbit Anti-P2Y2 antibody

SL4180R

Product Name:	P2Y2
Chinese Name:	嘌呤ATP受体抗体
Alias:	P2Y2R; ATP receptor; HP2U; Human P2U nucleotide receptor mRNA complete cds; P2RU1; P2RY2; P2RY2_HUMAN; P2U nucleotide receptor; P2U purinoceptor 1; P2U1; P2UR; P2Y purinoceptor 2; P2Y2; P2Y2R; Purinergic receptor; Purinergic receptor P2Y G protein coupled 2; Purinergic receptor P2Y2; Purinoceptor P2Y2.
文献引用 PubMed :	<p>Specific References(1) SL4180R has been referenced in 1 publications.</p> <p>[IF=1.42]Liu, Yuan-Mei, et al. "Expression of the P2Y2 receptor in the terminal rectum of fetal rats with anorectal malformation." International Journal of Clinical and Experimental Medicine 8.2 (2015): 1669-1676.IHC-P;Rat.</p> <p style="text-align: right;">PubMed:25932095</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	41kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human P2Y2R:21-120/377<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>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].</p> <p>Function: Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. The affinity range is UTP = ATP > ATP-gamma-S >> 2-methylthio-ATP = ADP.</p> <p>Subcellular Location: Cell membrane; Multi-pass membrane protein.</p> <p>Tissue Specificity: Spleen, testis, kidney, liver, lung, heart and brain.</p> <p>Similarity: Belongs to the G-protein coupled receptor 1 family.</p> <p>SWISS: P41231</p> <p>Gene ID: 5029</p> <p>Database links:</p> <p>Entrez Gene: 5029 Human</p> <p>Entrez Gene: 18442 Mouse</p> <p>Entrez Gene: 29597 Rat</p> <p>Omim: 600041 Human</p> <p>SwissProt: P41231 Human</p> <p>SwissProt: P35383 Mouse</p>

[SwissProt: P41232](#) Rat

[Unigene: 339](#) Human

[Unigene: 3000](#) Mouse

[Unigene: 11102](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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