

Rabbit Anti-P2Y11 antibody

SL12071R

Product Name	P2Y11
Chinese Name	G 蛋白偶联嘌呤受体 p2y11 抗体
Alias	P2RY11; P2Y purinoceptor 11; P2Y11; P2Y11 receptor; P2Y11_HUMAN; Purinergic receptor P2Y G protein coupled 11; Purinergic receptor P2Y11.
Research Area	Cell biology Neurobiology Channel protein The cell membrane 受体 G protein-coupled receptor G protein signal
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human, (predicted: Pig, Cow, Horse,) ELISA=1:5000-10000,WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	40kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human P2Y11: 71-170/374 <Extracellular>
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	P2Y purinoceptor 11 (P2Y11) is a 374 amino acid protein belonging to the G-protein coupled receptor one family. P2Y11 is a multi-pass cell membrane

protein that acts as a receptor for both ATP and ADP coupled to G proteins. Due to these interactions, P2Y11 is involved in phosphatidylinositol-calcium and adenylyl cyclase pathways. Induced by DMSO and retinoic acid, P2Y11 is highly expressed in spleen tissue. A putative trans-splicing event involving the gene that encodes P2Y11 and an upstream gene encoding PPAN has been found to result in a fusion protein, designated PPAN-P2RY11.

Function:

Receptor for ATP and ADP coupled to G-proteins that activate both phosphatidylinositol-calcium and adenylyl cyclase second messenger systems. Not activated by UTP or UDP.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Highest expression in liver and spleen.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

Q96G91

Gene ID:

5032

Database links:

[Entrez Gene: 5032](#) Human

[Omim: 602697](#) Human

[SwissProt: Q96G91](#) Human

[Unigene: 14468](#) Human