Product Name: P2RY13 Rabbit Polyclonal Antibody
Catalog #: APRab15601

Summary

Production Name	P2RY13 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	P2RY13
Alternative Names	P2RY13; GPR86; GPR94; FKSG77; P2Y purinoceptor 13; P2Y13; G-protein coupled receptor 86; G-protein coupled receptor 94
Gene ID	53829.0
SwissProt ID	Q9BPV8.The antiserum was produced against synthesized peptide derived from human P2RY13. AA range:209-258

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:20000.
Molecular Weight	38kD

Background

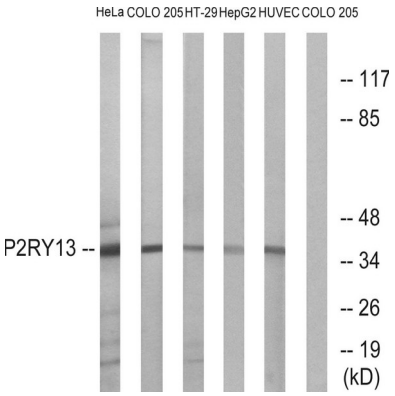
Product Name: P2RY13 Rabbit Polyclonal Antibody
Catalog #: APRab15601

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 activated by ADP. [provided by RefSeq, Sep 2008],function:Receptor for ADP. Coupled to G(i)-proteins. May play a role in hematopoiesis and the immune system.,miscellaneous:Stimulation by ADP in stably transfected CHO cells resulted in inhibition of adenylyl cyclase and the phosphorylation of the MAP kinases MAPK3 and MAPK1 in a pertussis toxin-sensitive way. Inhibition of adenylyl cyclase and phosphorylation of the MAP kinases are transduction mechanisms that involve G(i) proteins.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Strong expression in spleen and adult brain. Lower expression in placenta, lung, liver, spinal cord, thymus, small intestine, uterus, stomach, testis, fetal brain, and adrenal gland. Not detected in pancreas, heart, kidney, skeletal muscle, ovary or fetal aorta. Clearly detected in lymph node and bone marrow, weakly detected in peripheral blood mononuclear cells (PBMC) and in peripheral blood leukocytes (PBL), but not detected in polymorphonuclear cells (PMN). In the brain, detected in all brain regions examined.,

Research Area

Neuroactive ligand-receptor interaction;

Image Data



Western blot analysis of lysates from HeLa, COLO, HT-29, HepG2, and HUVEC cells, using P2RY13 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.