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## P2RY13 Polyclonal Antibody

Catalog No	YP-Ab-13650
lsotype	lgG
Reactivity	Human;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	P2RY13
Protein Name	P2Y purinoceptor 13
Immunogen	The antiserum was produced against synthesized peptide derived from human P2RY13. AA range:209-258
Specificity	P2RY13 Polyclonal Antibody detects endogenous levels of P2RY13 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	P2RY13; GPR86; GPR94; FKSG77; P2Y purinoceptor 13; P2Y13; G-protein coupled receptor 86; G-protein coupled receptor 94
Observed Band	38kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
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.
Function	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



## UpingBio technology Co.,Ltd

🔇 Tel: 400-999-8863 💌 Email:UpingBio@163.com

Website: www.upingBio.com



## **Products Images**



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.