

For Research Use Only

P2RY13 Polyclonal antibody

Catalog Number: 20335-1-AP **2 Publications**



Basic Information

Catalog Number: 20335-1-AP	GenBank Accession Number: BC041116	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 53829	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9BPV8	
Isotype: IgG	Full Name: purinergic receptor P2Y, G-protein coupled, 13	
Immunogen Catalog Number: AG14108	Calculated MW: 354 aa, 41 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, FC, IHC, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells
Cited Applications: WB, IHC	IHC : human small intestine tissue,
Species Specificity: human	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

P2RY13 (also named GPR86 or GPR94) is a G protein-coupled receptor (GPCR), which is involved in the pathogenesis of inflammation and immune disorders (PMID: 35982893). Several studies have reported that P2RY13 is a key regulator of cholesterol transport and hepatic HDL endocytosis and is involved in bone formation, remodeling, cell survival, and neuroprotection (PMID: 38045624).

Notable Publications

Author	Pubmed ID	Journal	Application
Ruiqiao He	38049696	Nat Methods	WB
Jie Chu	38045624	Health Sci Rep	IHC

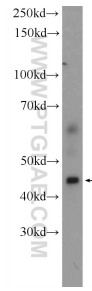
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

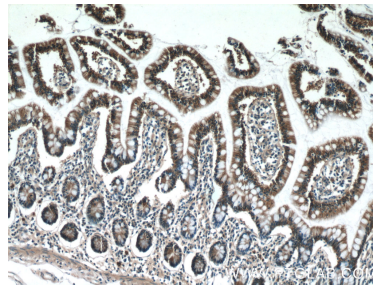
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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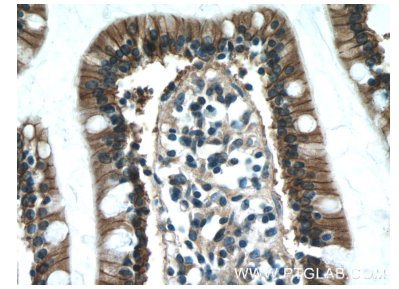
Selected Validation Data



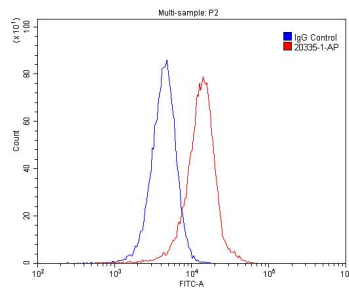
HeLa cells were subjected to SDS PAGE followed by western blot with 20335-1-AP (P2RY13 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 20335-1-AP (P2RY13 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 20335-1-AP (P2RY13 Antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ HeLa cells were stained with .2ug P2RY13 antibody (20335-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.