

For Research Use Only

P2RY1 Monoclonal antibody

Catalog Number: 67654-1-Ig 4 Publications



Basic Information

Catalog Number: 67654-1-Ig	GenBank Accession Number: BC074785	Purification Method: Protein A purification
Size: 900 µg/ml	GeneID (NCBI): 5028	CloneNo.: 1A1F3
Source: Mouse	UNIPROT ID: P47900	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF-P 1:200-1:800
Isotype: IgG1	Full Name: purinergic receptor P2Y, G-protein coupled, 1	
Immunogen Catalog Number: AG12762	Calculated MW: 373 aa, 42 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls:
Cited Applications: WB, IHC, IF	WB : pig brain tissue, pig cerebellum tissue, rat brain tissue, rat cerebellum tissue, mouse brain tissue, mouse cerebellum tissue, rabbit brain tissue
Species Specificity: Human, Pig, Mouse, Rat, Rabbit	IHC : mouse brain tissue, human placenta tissue
Cited Species: human, mouse, rat	IF-P : rat brain tissue, mouse brain tissue

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

Notable Publications

Author	Pubmed ID	Journal	Application
Ye Kuang	34691250	Oncol Lett	WB
Xiaoyu Zhang	34480694	Sci China Life Sci	IHC
Rui Dang	39366972	Nat Commun	WB

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:

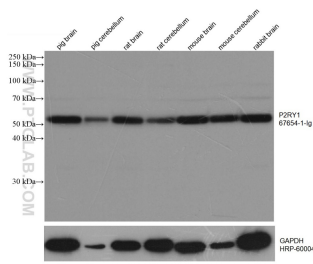
T: 4006900926

E: Proteintech-CN@ptglab.com

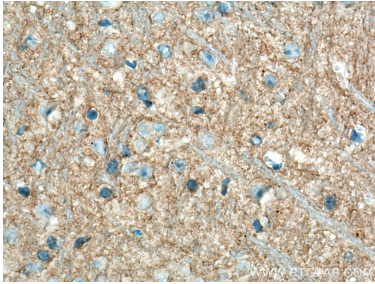
W: ptgcn.com

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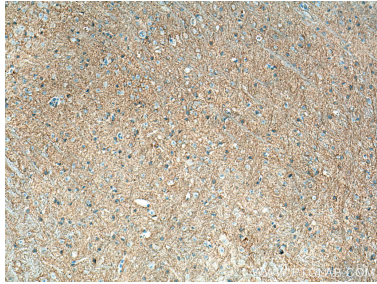
Selected Validation Data



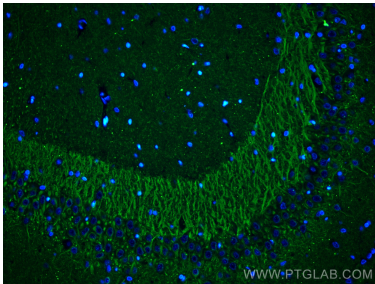
Various lysates were subjected to SDS PAGE followed by western blot with 67654-1-Ig (P2RY1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



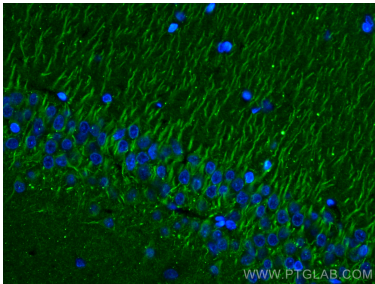
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67654-1-Ig (P2RY1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67654-1-Ig (P2RY1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using P2RY1 antibody (67654-1-Ig, Clone: 1A1F3) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using P2RY1 antibody (67654-1-Ig, Clone: 1A1F3) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).