

For Research Use Only

# P2RY1 Monoclonal antibody

Catalog Number: 67654-1-Ig **2 Publications**



## Basic Information

**Catalog Number:**

67654-1-Ig

**Size:**

900 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG12762

**GenBank Accession Number:**

BC074785

**GeneID (NCBI):**

5028

**UNIPROT ID:**

P47900

**Full Name:**

purinergic receptor P2Y, G-protein coupled, 1

**Calculated MW:**

373 aa, 42 kDa

**Observed MW:**

55 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

1A1F3

**Recommended Dilutions:**

WB 1:5000-1:50000

IHC 1:500-1:2000

IF 1:200-1:800

## Applications

**Tested Applications:**

IF-P, IHC, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

Human, Pig, Mouse, Rat, Rabbit

**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**

**Positive Controls:**

**WB:** pig brain tissue, pig cerebellum tissue, rat brain tissue, rat cerebellum tissue, mouse brain tissue, mouse cerebellum tissue, rabbit brain tissue

**IHC:** mouse brain tissue, human placenta tissue

**IF:** rat brain tissue, mouse brain tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ye Kuang	34691250	Oncol Lett	WB
Xiaoyu Zhang	34480694	Sci China Life Sci	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:

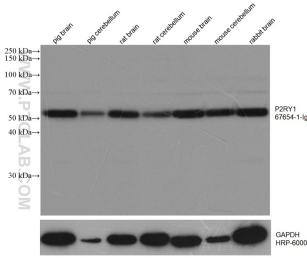
T: 4006900926

E: Proteintech-CN@ptglab.com

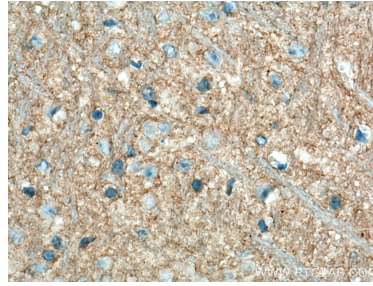
W: ptgcn.com

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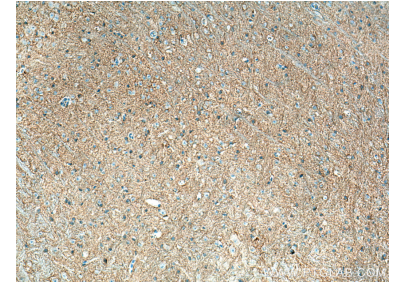
## Selected Validation Data



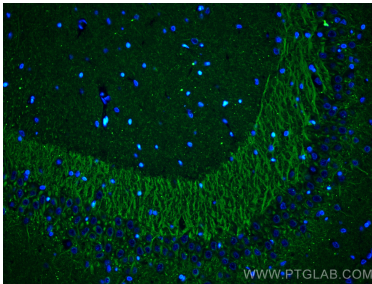
Various lysates were subjected to SDS PAGE followed by western blot with 67654-1-Ig (P2RY1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



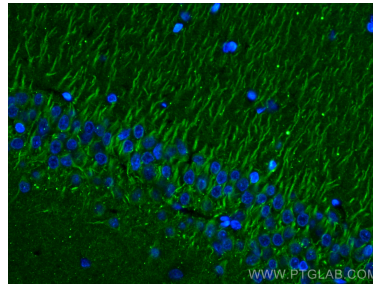
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67654-1-Ig (P2RY1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 AffiniPure 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 AffiniPure Goat Anti-Mouse IgG(H+L).