

For Research Use Only

ADRA2B-Specific Polyclonal antibody

Catalog Number: 19778-1-AP

3 Publications



Basic Information

Catalog Number:

19778-1-AP

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000682

GeneID (NCBI):

151

UNIPROT ID:

P18089

Full Name:

adrenergic, alpha-2B-, receptor

Calculated MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC: 1:50-1:500

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

rat

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:

IHC : human gliomas tissue,

FC (Intra) : HEK-293 cells,

Background Information

ADRA2B, also named as ADRA2L1 and ADRA2RL1, belongs to the G-protein coupled receptor 1 family. ADRA2B mediates the catecholamine-induced inhibition of adenylate cyclase through the action of G proteins. The antibody is specific to ADRA2B.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------------|-----------|-----------------|-------------|
| Takaomi Shimokawa | 34837110 | Cell Tissue Res | WB,IF |
| Kohei Hayashi | 33357783 | J Pharmacol Sci | WB,IF |
| Takaomi Shimokawa | 31935395 | Eur J Pharmacol | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

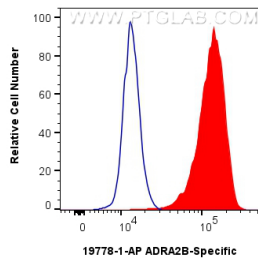
T: 4006900926

E: Proteintech-CN@ptglab.com

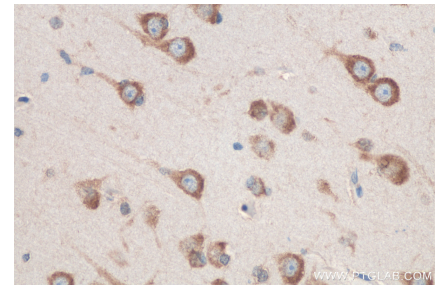
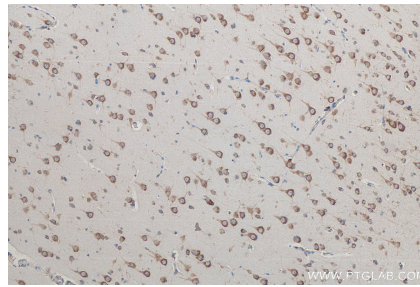
W: ptgcn.com

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Selected Validation Data



1×10^6 HEK-293 cells were intracellularly stained with 0.25 μ g ADRA2B-Specific Polyclonal antibody (19778-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 19778-1-AP (ADRA2B-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 19778-1-AP (ADRA2B-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).