

For Research Use Only

# ADRA2B-Specific Polyclonal antibody



Catalog Number: 19778-1-AP

3 Publications

## Basic Information

Catalog Number:

19778-1-AP

Size:

400 µg/ml

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

## Applications

Tested Applications:

FC, IHC, ELISA

Cited Applications:

IF, WB

Species Specificity:

human

Cited Species:

rat

Positive Controls:

IHC : human gliomas 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

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

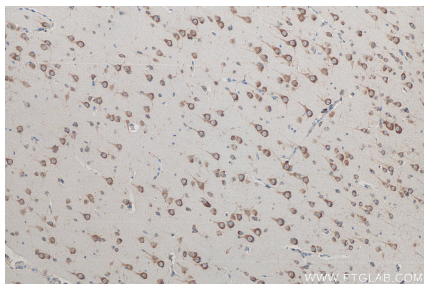
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

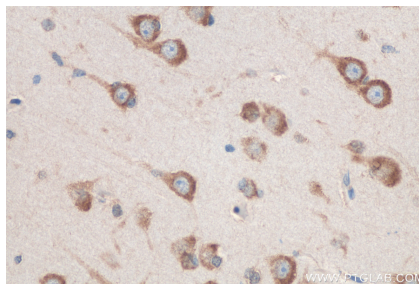
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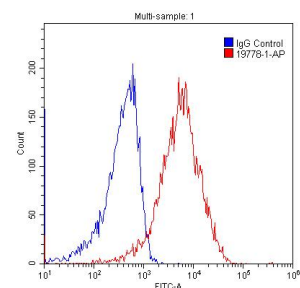
## Selected Validation Data



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).



1X10<sup>6</sup> HEK-293 cells were stained with 0.2ug ADRA2B-Specific antibody (19778-1-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.