

For Research Use Only

# ADRA1B-Specific Polyclonal antibody



Catalog Number: 19776-1-AP

1 Publications

## Basic Information

Catalog Number:

19776-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_000679

GeneID (NCBI):

147

UNIPROT ID:

P35368

Full Name:

adrenergic, alpha-1B-, receptor

Calculated MW:

57 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse

**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 : mouse brain tissue, human heart tissue

## Background Information

ADRA1B belongs to the G-protein coupled receptor 1 family. ADRA1B mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. This antibody is specific to ADRA1B.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sawa Horie	33616936	J Comp Neurol	IF

## 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:

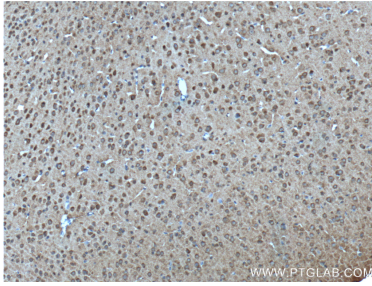
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

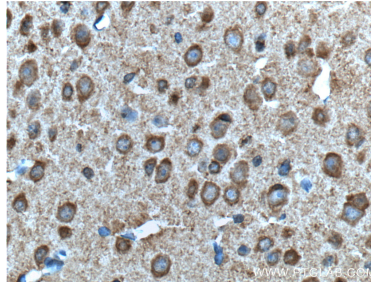
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19776-1-AP (ADRA1B-Specific Antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19776-1-AP (ADRA1B-Specific Antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).