

For Research Use Only

# ADRA1B-Specific Polyclonal antibody

Catalog Number: 19776-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 19776-1-AP	<b>GenBank Accession Number:</b> NM_000679	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 147	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P35368	
<b>Isotype:</b> IgG	<b>Full Name:</b> adrenergic, alpha-1B-, receptor	
	<b>Calculated MW:</b> 57 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse brain tissue, human heart tissue
<b>Cited Applications:</b> IF	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

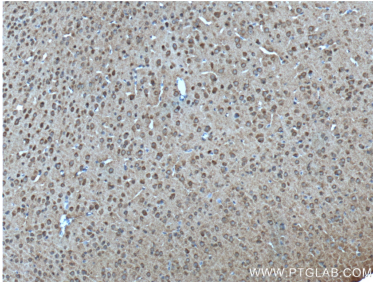
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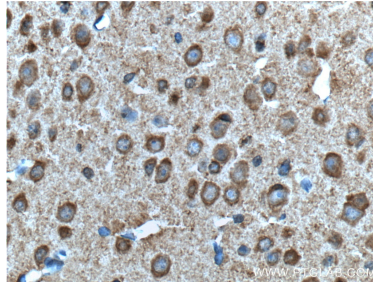
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## Selected Validation Data



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).