

For Research Use Only

# ADRA2A Polyclonal antibody

Catalog Number: 14266-1-AP **10 Publications**



## Basic Information

<b>Catalog Number:</b> 14266-1-AP	<b>GenBank Accession Number:</b> BC050414	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 150	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> adrenergic, alpha-2A-, receptor	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 49 kDa	
<b>Immunogen Catalog Number:</b> AG5562	<b>Observed MW:</b> 51 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : PC-12 cells, IHC : mouse brain tissue,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, rat	

**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

### Notable Publications

Author	Pubmed ID	Journal	Application
Yong-Jie Wang	28955200	Front Mol Neurosci	WB
Ching-Tzu Tseng	34737352	Sci Rep	WB
Bin Wang	28507504	Front Neurosci	WB

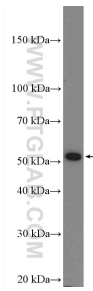
## Storage

**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

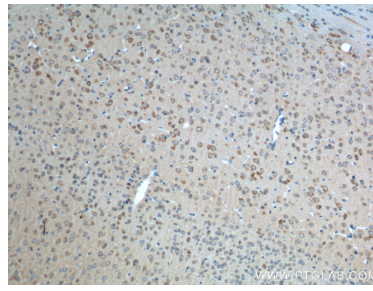
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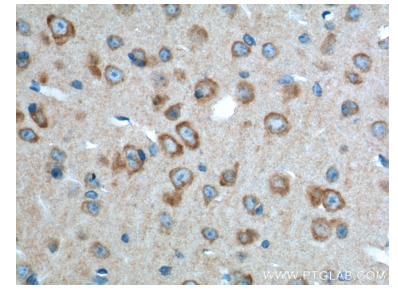
## Selected Validation Data



PC-12 cells were subjected to SDS PAGE followed by western blot with 14266-1-AP (ADRA2A Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14266-1-AP (ADRA2A 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 14266-1-AP (ADRA2A Antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).