

For Research Use Only

# CHRNA2 Polyclonal antibody

Catalog Number: 17844-1-AP

1 Publications



## Basic Information

### Catalog Number:

17844-1-AP

### Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12208

### GenBank Accession Number:

BC075041

### GeneID (NCBI):

1141

### UNIPROT ID:

P17787

### Full Name:

cholinergic receptor, nicotinic, beta 2 (neuronal)

### Calculated MW:

502 aa, 57 kDa

### Observed MW:

60-65 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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:

WB : SH-SY5Y cells, mouse brain tissue

IHC : human brain tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Ya-Juan Wang	38963323	Elife	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

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

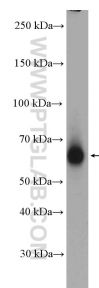
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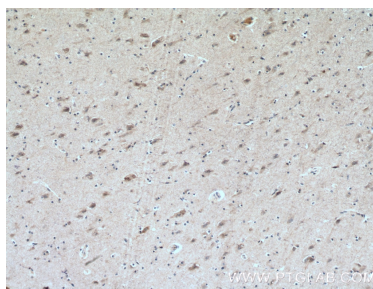
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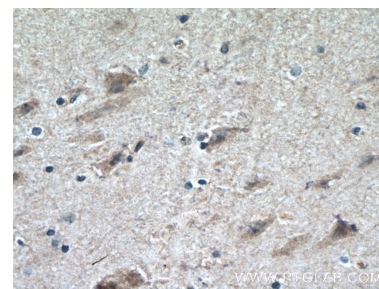
## Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 17844-1-AP (CHRNA2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 17844-1-AP (CHRNA2 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 brain tissue slide using 17844-1-AP (CHRNA2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).