

For Research Use Only

# NeuN Polyclonal antibody

Catalog Number: 23060-1-AP

13 Publications



## Basic Information

### Catalog Number:

23060-1-AP

### Size:

150ul, Concentration: 500 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19347

### GenBank Accession Number:

BC093713

### GeneID (NCBI):

146713

### UNIPROT ID:

A6NFN3

### Full Name:

hexaribonucleotide binding protein 3

### Observed MW:

38-50 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat, hamster, goat

### Positive Controls:

WB : mouse brain tissue, 3T3-L1 cells

IHC : mouse brain 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

NeuN, also named as FOX3 and RBFOX3, is neuronal-specific nuclear protein with MW 38-50kd (~48kd). It is one of a family of 3 mammalian Fox homologues. FOX3(Or NeuN) functions in RNA-binding protein that regulates alternative splicing events.

## Notable Publications

| Author              | Pubmed ID | Journal          | Application |
|---------------------|-----------|------------------|-------------|
| Xuyong Chen         | 27586151  | Pediatr Surg Int | IHC         |
| Juan Zhang          | 29530758  | Neurochem Int    | WB,IF       |
| Syed Zahid Ali Shah | 30845718  | Int J Mol Sci    | IHC         |

## 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

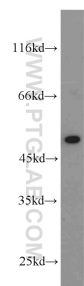
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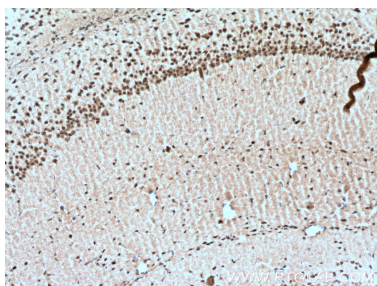
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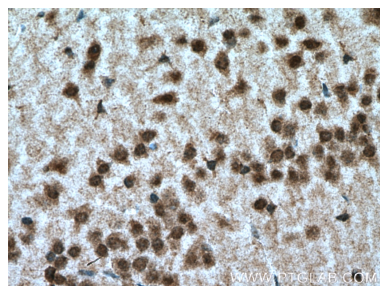
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 23060-1-AP (NeuN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 23060-1-AP (NeuN Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 23060-1-AP (NeuN Antibody) at dilution of 1:200 (under 40x lens).