

For Research Use Only

# NKX1-2 Polyclonal antibody

Catalog Number: 55484-1-AP



## Basic Information

### Catalog Number:

55484-1-AP

### Size:

150ul , Concentration: 1000 ug/ml by Nanodrop and 640 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001146340

### GeneID (NCBI):

390010

### UNIPROT ID:

Q9UD57

### Full Name:

NK1 homeobox 2

### Calculated MW:

32 kDa

### Observed MW:

32 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human, 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:

WB : SH-SY5Y cells, mouse brain tissue

IHC : human brain tissue,

## Storage

### Storage:

Store at -20°C.

### 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

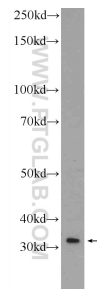
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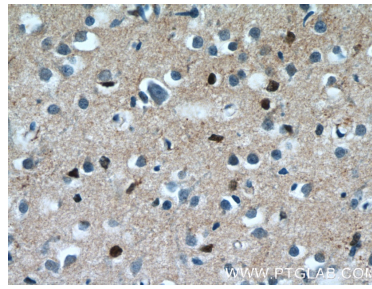
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## Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 55484-1-AP (NKX1-2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 55484-1-AP (NKX1-2 Antibody) at dilution of 1:50 (under 40x lens).