

For Research Use Only

# NUMB Polyclonal antibody

Catalog Number: 29594-1-AP



## Basic Information

### Catalog Number:

29594-1-AP

### Size:

900 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG31553

### GenBank Accession Number:

NM\_001005743

### GeneID (NCBI):

8650

### UNIPROT ID:

P49757

### Full Name:

numb homolog (Drosophila)

### Calculated MW:

71KD

### Observed MW:

66-72 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

IF/ICC, WB, ELISA

### Species Specificity:

Human, Mouse, Rat

### Positive Controls:

WB : A431 cells, HeLa cells, NIH/3T3 cells, mouse brain tissue, rat brain tissue

IF/ICC : A431 cells,

## Background Information

NUMB plays a role in the process of neurogenesis. It is required throughout embryonic neurogenesis to maintain neural progenitor cells, also called radial glial cells (RGCs), by allowing their daughter cells to choose progenitor over neuronal cell fate. NUMB may also mediate local repair of brain ventricular wall damage. NUMB may play a role in further understanding the NUMB function in development and cancer.

## 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

For technical support and original validation data for this product please contact:

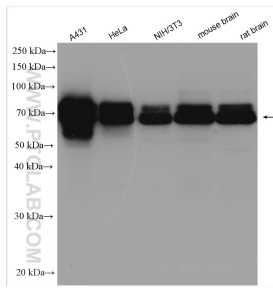
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

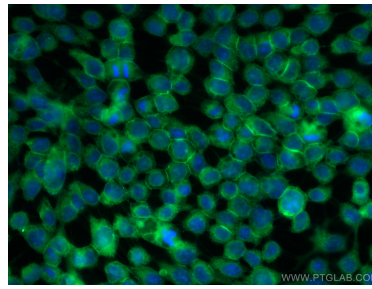
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29594-1-AP (NUMB antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using NUMB antibody (29594-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).