

For Research Use Only

# NUMB Polyclonal antibody

Catalog Number: 29594-1-AP



## Basic Information

<b>Catalog Number:</b> 29594-1-AP	<b>GenBank Accession Number:</b> NM_001005743	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8650	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> numb homolog (Drosophila)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 71KD	
<b>Immunogen Catalog Number:</b> AG31553	<b>Observed MW:</b> 66-72 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, Mouse, Rat	<b>WB:</b> A431 cells, HeLa cells, NIH/3T3 cells, mouse brain tissue, rat brain tissue <b>IF:</b> 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

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

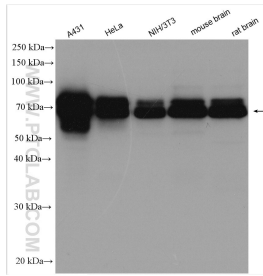
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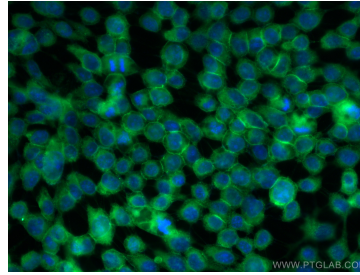
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## Selected Validation Data



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).