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**Product Name: NUMB Rabbit Monoclonal Antibody****Catalog #: AMRe85879**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 71 kDa; Observed MW: 71 kDa

**Antigen Information**

<b>Gene Name</b>	NUMB
<b>Alternative Names</b>	NUMB; Protein numb homolog; h-Numb; Protein S171
<b>Gene ID</b>	8650.0
<b>SwissProt ID</b>	P49757
<b>Immunogen</b>	Recombinant protein of human NUMB

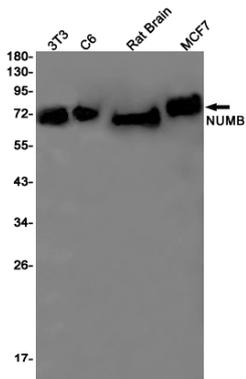
**Background**

Numb acts as a negative regulator of Notch signaling by promoting ubiquitination and degradation of Notch. The protein is asymmetrically segregated into one daughter cell during cell division, producing two daughter cells with different responses to Notch signaling and different cell fates. The localization of Numb can also be regulated by G-protein coupled receptor (GPCR)

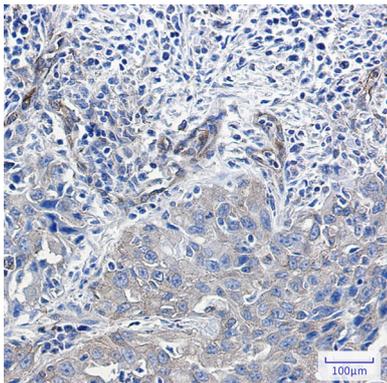
and PKC signaling.

## Research Area

## Image Data



Western blot analysis of NUMB in 3T3, C6, rat Brain, MCF-7 lysates using NUMB antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using NUMB antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.