



# Anti-NUMB (aa 600-653) polyclonal antibody (DPAB-DC786)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a conserved protein that is distributed asymmetrically during cell division in the developing embryo. The encoded protein participates in cell fate decisions by interacting with the Notch receptor. Loss of function of this gene results in severe defects in neural development and loss of viability. Alternative splicing results in multiple transcript variants.
<b>Specificity</b>	This antibody is specific to all four isoforms of the Numb protein.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus amino acids 600-653 of mouse Numb.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Chicken, Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate),
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">Numb numb gene homolog (Drosophila) [ Mus musculus (house mouse) ]</a>
Official Symbol	NUMB
Synonyms	NUMB; numb gene homolog (Drosophila); Nb; protein numb homolog;
Entrez Gene ID	<a href="#">18222</a>
Protein Refseq	<a href="#">NP_001129547</a>
UniProt ID	<a href="#">Q9QZS3</a>
Chromosome Location	12; 12 D3
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus; Delta-Notch Signaling Pathway; Disease; L1CAM interactions
Function	alpha-catenin binding; beta-catenin binding; cadherin binding; protein binding