

Rabbit Numb Polyclonal Antibody | anti-NUMB antibody

Numb antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200933	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

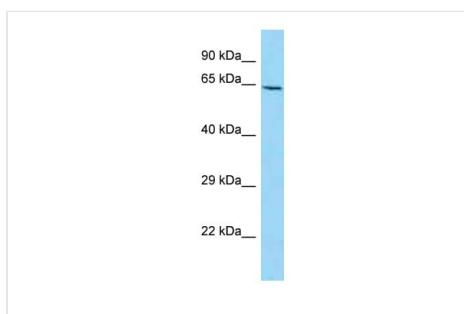
PRODUCT SYNONYMS

Numb; Polyclonal Antibody; Numb antibody - C-terminal region; anti-NUMB antibody

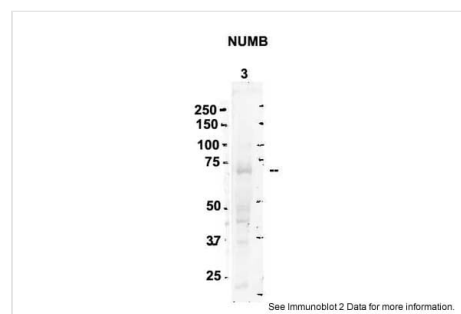
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide: GNRHAEVPPG TCPVDPFEAQ WAALESKSKQ RTNPSPNTNPF SSDLQKTF
Sequence Length	604
Applicable Applications for anti-NUMB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 93%; Rat: 93%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

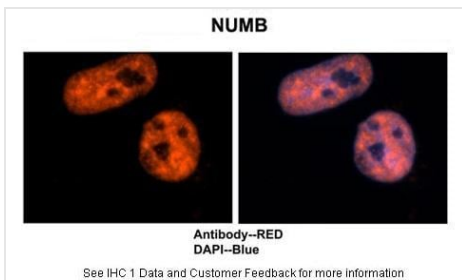
IMAGES


WB (Western Blot)

Numb antibody - C-terminal region validated by WB using Mouse Brain lysate at 1.0ug/ml.


WB (Western Blot)

Sample Type: Rat Brain
Sample Type: 3. rat brain extract (80ug)
Primary Antibody Dilution: 2ug/ml
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR
Bioscience
Secondary Antibody Dilution: 1: 20,000
Image Submitted by: Yuzhi Chen
University of Arkansas for Medical Science



IHC (Immunohistochemistry)

Researcher: Dr. Yuzhi Chen, University of Arkansas for Medical Science
 Application: IHC
 Species+tissue/cell type: Human brain stem cells
 Primary antibody dilution: 1:500
 Secondary antibody: Goat anti-rabbit Alexa-Fluor 594
 Secondary antibody dilution: 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-NUMB antibody	This is a rabbit polyclonal antibody against Numb. It was validated on Western Blot Target Description: 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. It is not required for the proliferation of neural progenitor cells before the onset of neurogenesis. It is also involved postnatally in the subventricular zone (SVZ) neurogenesis by regulating SVZ neuroblasts survival and ependymal wall integrity. It may also mediate local repair of brain ventricular wall damage.
Product Categories/Family for anti-NUMB antibody	Polyclonal ; Developmental Biology ; Stem Cells ; Immunohistochemistry ; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754912
NCBI GeneID	18222
NCBI Accession #	NP_035079
NCBI GenBank Nucleotide #	NM_010949
UniProt Accession #	Q9QZS3
Molecular Weight	66kDa
NCBI Official Full Name	protein numb homolog isoform 2
NCBI Official Synonym Full Names	NUMB endocytic adaptor protein
NCBI Official Symbol	Numb
NCBI Official Synonym Symbols	Nb
NCBI Protein Information	protein numb homolog
UniProt Protein Name	Protein numb homolog
UniProt Gene Name	Numb
UniProt Synonym Gene Names	m-Nb; m-Numb
UniProt Entry Name	NUMB_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.