

Rabbit NUMB Polyclonal Antibody | anti-NUMB antibody

NUMB Antibody

CATALOG # AAA39296	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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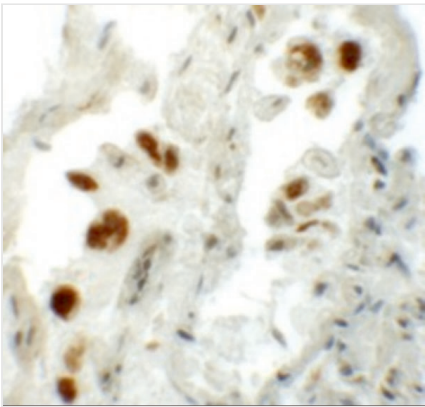
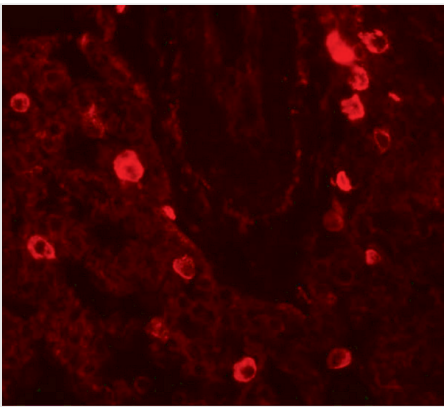
PRODUCT SYNONYMS

NUMB; Polyclonal Antibody; NUMB Antibody; S171; C14orf41; c14_5527; Protein numb homolog; Protein S171; h-Numb; numb homolog (Drosophila); anti-NUMB antibody

PRODUCT SPECIFICATIONS

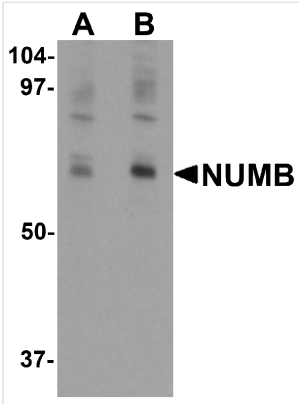
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least four isoforms of NUMB are known to exist; this antibody will detect all of them.
Purity/Purification	NUMB Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	651
Applicable Applications for anti-NUMB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	NUMB antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human NUMB.
Buffer	NUMB Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	NUMB antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of NUMB in human lung tissue with NUMB antibody at 20 μ g/mL.

IHC (Immunohistochemistry)
Immunohistochemistry of NUMB in human lung tissue with NUMB antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of NUMB in mouse lung tissue lysate with NUMB antibody at (A) 0.25 and (B) 0.5 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NUMB antibody	NUMB Antibody: NUMB, the mammalian homolog to the Drosophila asymmetric cell fate determinant NUMB, is thought to share several features molecular mechanisms in mammalian cells, generating asymmetric cell divisions during neurogenesis in vertebrate development as well as in hematopoietic stem cells. NUMB has been shown to inhibit Notch signaling, and is itself regulated by ubiquitinylation by MDM2. NUMB has also been shown to help activate the tumor suppressor p53, suggesting that loss of NUMB in cancerous cells would not only activate the potential oncogene Notch, but diminish the tumor suppressing effect of p53.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	54144625
NCBI GeneID	8650
NCBI Accession #	NP_1005743
NCBI GenBank Nucleotide #	NM_001005743.1
UniProt Accession #	P49757; Q6NUQ7; Q86SY1; Q8WW73; Q9UBG1; Q9UEQ4; B1P2N5; B1P2N6; B1P2N7; B1P2N8; B1P2N9; B4E2B1
Molecular Weight	37,396 Da
NCBI Official Full Name	protein numb homolog isoform 1
NCBI Official Synonym Full Names	numb homolog (Drosophila)

NCBI Official Symbol	NUMB
NCBI Official Synonym Symbols	S171; C14orf41; c14_5527
NCBI Protein Information	protein numb homolog; h-Numb
UniProt Protein Name	Protein numb homolog
UniProt Gene Name	NUMB
UniProt Synonym Gene Names	h-Numb
UniProt Entry Name	NUMB_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/numb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39296>