

Product datasheet for **TA319756**

NUMB Rabbit Polyclonal Antibody

Product data:

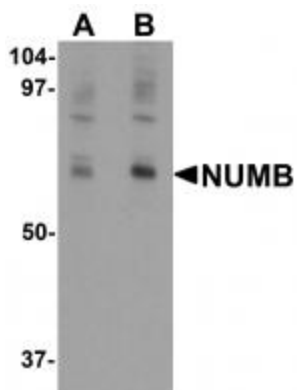
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.25 - 0.5 ug/mL, ICC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	NUMB antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human NUMB.
Formulation:	NUMB Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	NUMB Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	NUMB, endocytic adaptor protein
Database Link:	NP_001005743 Entrez Gene 18222 Mouse Entrez Gene 29419 Rat Entrez Gene 8650 Human P49757
Background:	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.
Synonyms:	C14orf41; c14_5527; S171



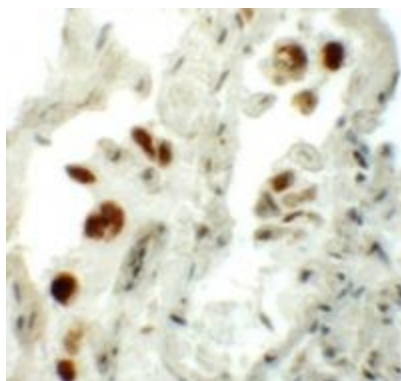
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Protein Pathways: Notch signaling pathway

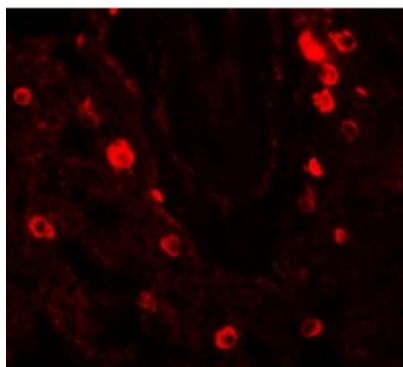
Product images:



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



Immunohistochemistry of NUMB in human lung tissue with NUMB antibody at 5 ug/mL.



Immunofluorescence of NUMB in human lung tissue with NUMB antibody at 20 ug/mL.