

**NUMBL Antibody (N-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2364a****Specification**

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**NUMBL Antibody (N-Term) - Product Information**

Application	WB
Primary Accession	<a href="#">O9Y6R0</a>
Other Accession	<a href="#">NP_004747.1</a> , <a href="#">9253</a> , <a href="#">18223 (mouse)</a>
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	64891

**NUMBL Antibody (N-Term) - Additional Information****Gene ID** 9253**Other Names**

Numb-like protein, Numb-related protein, Numb-R, NUMBL

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

NUMBL Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NUMBL Antibody (N-Term) - Protein Information****Name** NUMBL**Function**

Plays a role in the process of neurogenesis. 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. Not required for the proliferation of neural progenitor cells before the onset of embryonic neurogenesis. Also required postnatally in the subventricular zone (SVZ) neurogenesis by regulating SVZ neuroblasts survival and ependymal wall integrity. Negative regulator of NF-kappa-B signaling pathway. The inhibition of NF-kappa-B activation is mediated at least in part, by preventing MAP3K7IP2 to interact with polyubiquitin

chains of TRAF6 and RIPK1 and by stimulating the 'Lys-48'-linked polyubiquitination and degradation of TRAF6 in cortical neurons.

#### Cellular Location

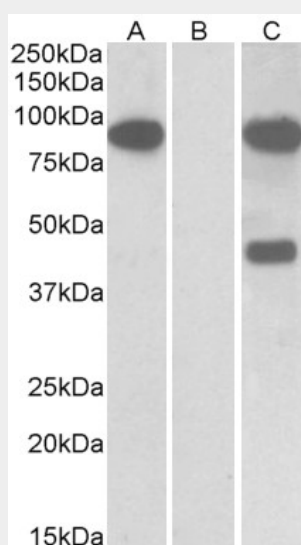
Cytoplasm. Note=Symmetrically distributed throughout the cytoplasm in non dividing neuroblasts of the CNS.

#### NUMBL Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### NUMBL Antibody (N-Term) - Images



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human Numbl with C-terminal MYC tag probed with AF2364a (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with AF2364a (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

#### NUMBL Antibody (N-Term) - References

Progenitor cell maintenance requires numb and numbl like during mouse neurogenesis. Petersen PH, Zou K, Hwang JK, Jan YN, Zhong W. Nature. 2002 Oct 31;419(6910):929-34. PMID: 12410312