

NUMBL Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP14081b**Specification**

NUMBL Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9Y6R0](#)**NUMBL Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 9253**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP14081b was selected from the C-term region of NUMBL. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NUMBL Antibody (C-term) Blocking peptide - 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 (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NUMBL Antibody (C-term) Blocking peptide - Images**NUMBL Antibody (C-term) Blocking peptide - Background**

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NUMBL Antibody (C-term) Blocking peptide - References

Zhou, L., et al. Biochem. Biophys. Res. Commun. 392(3):409-414(2010)Blom, T., et al. Cancer Genet. Cytogenet. 186(2):103-109(2008)Ma, Q., et al. Cell. Signal. 20(6):1044-1051(2008)Passos Gregorio, S., et al. Schizophr. Res. 88 (1-3), 275-282 (2006) :Olsen, J.V., et al. Cell 127(3):635-648(2006)