

NUMBL Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12068c**Specification****NUMBL Antibody (Center) Blocking peptide -
Product Information**Primary Accession [Q9Y6R0](#)**NUMBL Antibody (Center) Blocking peptide -
Additional Information**

Gene ID 9253

Other NamesNumb-like protein, Numb-related protein,
Numb-R, NUMBL**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 (Center) Blocking peptide -
Protein Information**

Name NUMBL

FunctionPlays 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)**NUMBL Antibody (Center) Blocking
peptide - Background**

NUMBL 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.

**NUMBL Antibody (Center) 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)

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 (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)