

Datasheet for ABIN658002
anti-NUMBL antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	NUMBL
Binding Specificity:	AA 572-600, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NUMBL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 572-600 amino acids from the C-terminal region of human NUMBL.
Clone:	RB34676
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NUMBL
Alternative Name:	NUMBL (NUMBL Products)
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

Target Details

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.

Molecular Weight: 64891

Gene ID: 9253

NCBI Accession: [NP_004747](#)

UniProt: [Q9Y6R0](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

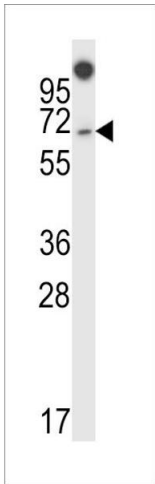
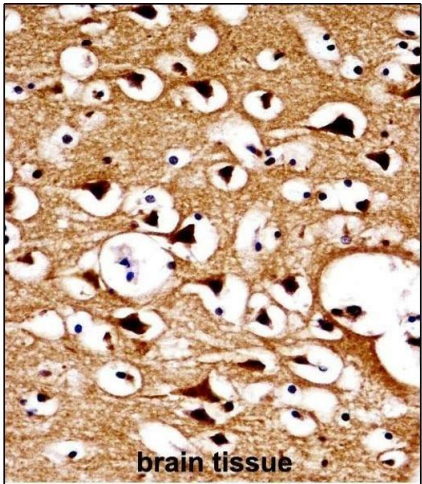
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: NUMBL Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NUMBL Antibody (C-term) ((ABIN658002 and ABIN2846946))immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NUMBL Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. NUMBL Antibody (C-term) (ABIN658002 and ABIN2846946) western blot analysis in 293 cell line lysates (35 µg/lane).This demonstrates the NUMBL antibody detected the NUMBL protein (arrow).