

Datasheet for ABIN7162085  
**anti-NUMBL antibody (AA 447-576)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	NUMBL
Binding Specificity:	AA 447-576
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUMBL antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Numb-like protein (447-576AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	NUMBL
Alternative Name:	NUMBL ( <a href="#">NUMBL Products</a> )
Background:	Background: Plays a role in the process of neurogenesis. Required throughout embryonic neurogenesis to maintain neural progenitor cells, also called radial glial cells (RGCs), by

## Target Details

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.

Aliases: CAG 3A antibody, CAG3A antibody, CTG 3a antibody, CTG3a antibody, NBL antibody, NUMB Drosophila Homolog Like antibody, Numb homolog (Drosophila) like antibody, Numb homolog like antibody, Numb like protein antibody, NUMB R antibody, Numb-like protein antibody, Numb-R antibody, Numb-related gene antibody, Numb-related protein antibody, NUMBL antibody, NUMBL\_HUMAN antibody, NUMBLIKE antibody, NUMBR antibody, TNRC 23 antibody, TNRC23 antibody, Trinucleotide repeat-containing gene 23 antibody

UniProt: [Q9Y6R0](#)

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

## Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

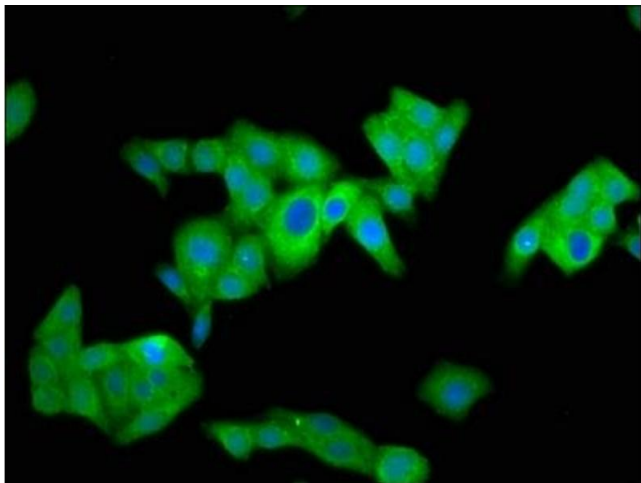
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

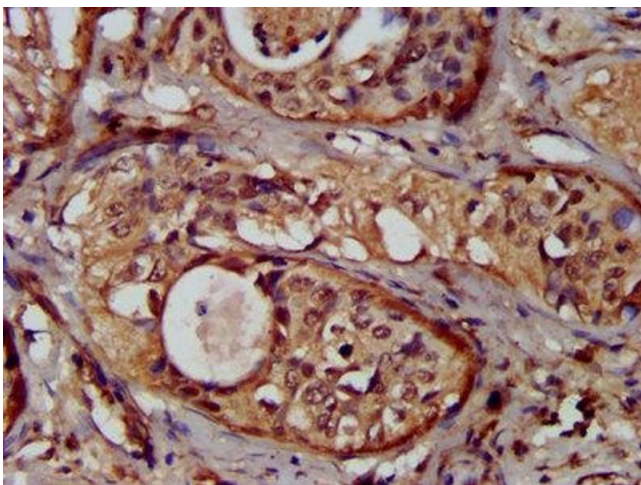
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



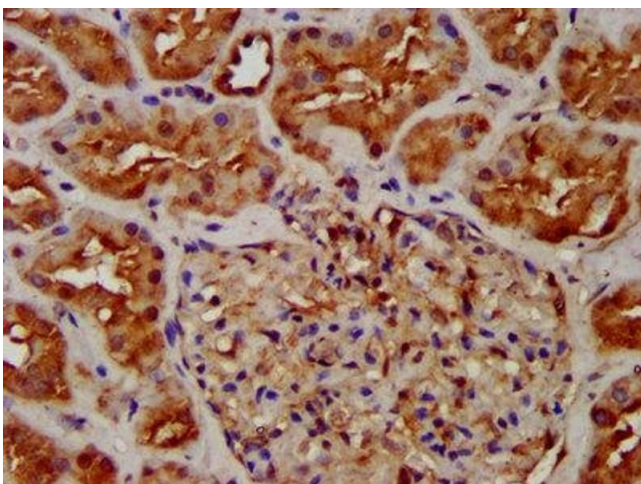
#### Immunofluorescence

**Image 1.** Immunofluorescence staining of HepG2 cells with ABIN7162085 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



#### Immunohistochemistry

**Image 2.** IHC image of ABIN7162085 diluted at 1:300 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunohistochemistry

**Image 3.** IHC image of ABIN7162085 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.