



[Go to Product page](#)

Datasheet for ABIN657850

## anti-Nemo-Like Kinase antibody (C-Term)

### 3 Images

#### Overview

Quantity:	400 µL
Target:	Nemo-Like Kinase (NLK)
Binding Specificity:	AA 408-436, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This Mouse Nlk antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 408-436 amino acids from the C-terminal region of mouse Nlk.
Clone:	RB34651
Isotype:	Ig Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	Nemo-Like Kinase (NLK)
Alternative Name:	Nlk ( <a href="#">NLK Products</a> )
Background:	Role in cell fate determination, required for differentiation of bone marrow stromal cells. Acts

## Target Details

---

downstream of MAP3K7 and HIPK2 to negatively regulate the canonical Wnt/beta-catenin signaling pathway and the phosphorylation and destruction of the MYB transcription factor. May suppress a wide range of transcription factors by phosphorylation of the coactivator, CREBBP. Involved in TGFbeta-mediated mesoderm induction, acting downstream of MAP3K7/TAK1 to phosphorylate STAT3.

Molecular Weight:	58313
Gene ID:	100044468, 18099
NCBI Accession:	<a href="#">NP_032728</a>
UniProt:	<a href="#">O54949</a>
Pathways:	<a href="#">Ubiquitin Proteasome Pathway</a>

## Application Details

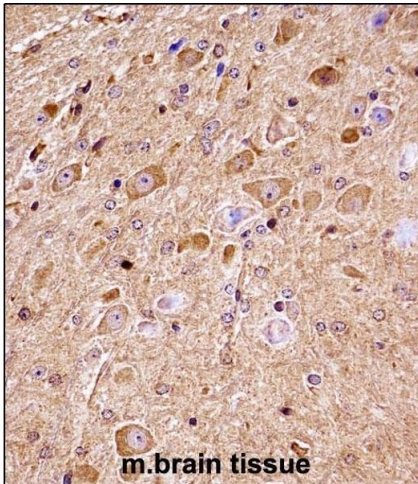
---

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

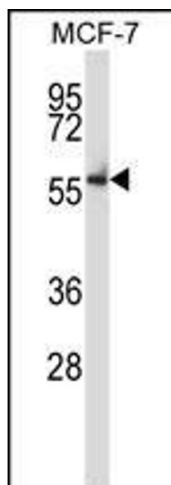
---

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:	Mouse Nlk 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



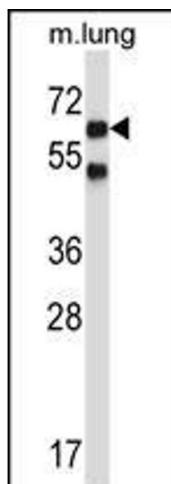
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Mouse Nlk Antibody (C-term) ((ABIN657850 and ABIN2846811)) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Nlk Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Mouse Nlk Antibody (C-term) (ABIN657850 and ABIN2846811) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the Nlk antibody detected the Nlk protein (arrow).



### Western Blotting

**Image 3.** Mouse Nlk Antibody (C-term) (ABIN657850 and ABIN2846811) western blot analysis in mouse lung tissue lysates (35 µg/lane). This demonstrates the Nlk antibody detected the Nlk protein (arrow).