

## Rabbit Nlk Polyclonal Antibody | anti-Nlk antibody

Mouse Nlk Antibody (C-term)

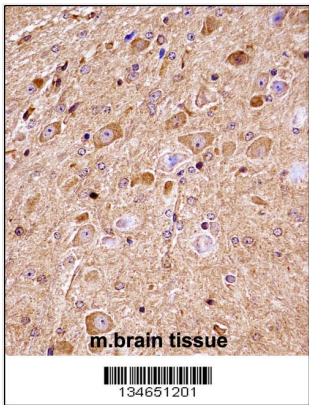
| CATALOG # | HOST   | REACTIVITY                                       | APPLICATIONS                              |
|-----------|--------|--------------------------------------------------|-------------------------------------------|
| AAA288115 | Rabbit | Human, mouse (Predicted Reactivity: Bovine, Rat) | Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

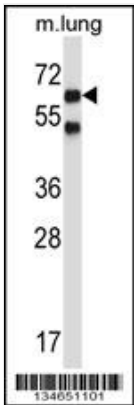
Nlk; Polyclonal Antibody; Mouse Nlk Antibody (C-term); Serine/threonine-protein kinase NLK; Nemo-like kinase; Nlk {ECO:0000312|EMBL:AAC244991}; anti-Nlk antibody

### PRODUCT SPECIFICATIONS

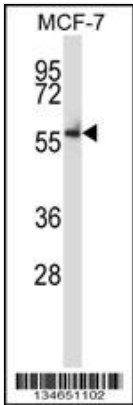
|                                               |                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                       |
| Reactivity                                    | Human, mouse (Predicted Reactivity: Bovine, Rat)                                                                                                                             |
| Clonality                                     | Polyclonal                                                                                                                                                                   |
| Isotype                                       | Rabbit Ig                                                                                                                                                                    |
| Specificity                                   | 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.     |
| Purity/Purification                           | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                   | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                 | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                            | 408-436                                                                                                                                                                      |
| Sequence Length                               | 527                                                                                                                                                                          |
| Applicable Applications for anti-Nlk antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                  | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                | MOUSE                                                                                                                                                                        |
| Preparation and Storage                       | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**IHC (Immunohistochemisry)**  
Mouse Nlk Antibody (C-term) (AAA288115)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.



**WB (Western Blot)**  
Mouse Nlk Antibody (C-term) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the Nlk antibody detected the Nlk protein (arrow).



**WB (Western Blot)**  
Mouse Nlk Antibody (C-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the Nlk antibody detected the Nlk protein (arrow).

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Nlk antibody | Role in cell fate determination, required for differentiation of bone marrow stromal cells. Acts 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. |
| Product Categories/Family for anti-Nlk antibody   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| References                                        | Li, M., et al. J. Biol. Chem. 285(18):13397-13404(2010)<br>Nifuji, A., et al. Exp. Cell Res. 316(7):1127-1136(2010)<br>Ishitani, T., et al. Nat. Cell Biol. 12(3):278-285(2010)<br>Martinez, G., et al. Invest. Ophthalmol. Vis. Sci. 50(10):4794-4806(2009)<br>Harwood, B.N., et al. Dev. Dyn. 237(4):1099-1111(2008)                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                  |             |
|------------------|-------------|
| NCBI GI #        | 149408132   |
| NCBI GeneID      | 18099       |
| NCBI Accession # | NP_032728.3 |

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_008702.3</a>                                              |
| UniProt Accession #              | <a href="#">O54949</a> ; <a href="#">Q5SYE6</a> ; <a href="#">Q6PF98</a> |
| Molecular Weight                 | 58313                                                                    |
| NCBI Official Full Name          | serine/threonine-protein kinase NLK                                      |
| NCBI Official Synonym Full Names | nemo like kinase                                                         |
| NCBI Official Symbol             | Nlk                                                                      |
| NCBI Official Synonym Symbols    | AI194375                                                                 |
| NCBI Protein Information         | serine/threonine-protein kinase NLK                                      |
| UniProt Protein Name             | Serine/threonine-protein kinase NLK                                      |
| UniProt Gene Name                | <b>Nlk</b>                                                               |
| UniProt Entry Name               | NLK_MOUSE                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/nlk-antibody-immunohistochemistry-western-blot-elisa/288115>