

Rabbit NLK Polyclonal Antibody | anti-NLK antibody

NLK Antibody (C-term)

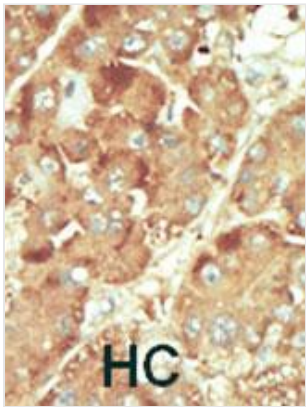
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288030	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

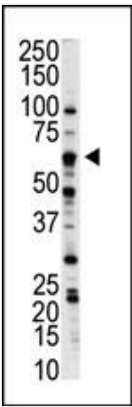
NLK; Polyclonal Antibody; NLK Antibody (C-term); Serine/threonine-protein kinase NLK; Nemo-like kinase; Protein LAK1; LAK1 {ECO:0000312|EMBL:AAD560131}; anti-NLK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NLK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 406-436 amino acids from the C-terminal region of human NLK.
Purity/Purification	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	406-436
Sequence Length	527
Applicable Applications for anti-NLK antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-NLK Pab in A375 cell lysate. NLK (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-NLK antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.
Product Categories/Family for anti-NLK antibody	Signal Transduction
References	Yasuda, J., et al., Biochem. Biophys. Res. Commun. 308(2):227-233 (2003). Ishitani, T., et al., Mol. Cell. Biol. 23(4):1379-1389 (2003). Ishitani, T., et al., Mol. Cell. Biol. 23(1):131-139 (2003). Kehrer-Sawatzki, H., et al., Gene 251(1):63-71 (2000). Brott, B.K., et al., Proc. Natl. Acad. Sci. U.S.A. 95(3):963-968 (1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	149408126
NCBI GeneID	51701
NCBI Accession #	NP_057315.3
NCBI GenBank Nucleotide #	NM_016231.4
UniProt Accession #	Q9UBE8; Q2PNI9; Q6P2A3; B2RCX1
Molecular Weight	58283
NCBI Official Full Name	serine/threonine-protein kinase NLK
NCBI Official Synonym Full Names	nemo-like kinase
NCBI Official Symbol	NLK

NCBI Protein Information	serine/threonine-protein kinase NLK
UniProt Protein Name	Serine/threonine-protein kinase NLK
UniProt Gene Name	NLK
UniProt Entry Name	NLK_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nlk-antibody-immunohistochemistry-western-blot-elisa/288030>