

Rabbit anti-Human NEK3 Polyclonal Antibody | anti-NEK3 antibody

NEK3 antibody

CATALOG # AAA301273	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

NEK3; Polyclonal Antibody; NEK3 antibody; HSPK36; anti-NEK3 antibody

PRODUCT SPECIFICATIONS

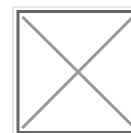
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NEK3 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	489
Applicable Applications for anti-NEK3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NEK3.
Target Name	NEK3
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using NEK3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NEK3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NEK3 antibody	This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein differs from other NimA family members in that it is not cell cycle regulated and is found primarily in the cytoplasm. The kinase is activated by prolactin stimulation, leading to phosphorylation of VAV2 guanine nucleotide exchange factor, paxillin, and activation of the RAC1 GTPase. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	225735561
NCBI GeneID	4752
NCBI Accession #	NP_001139571.1
NCBI GenBank Nucleotide #	NM_001146099.1
UniProt Accession #	P51956; Q5TAP2; Q8J023; Q8WUN5; A8K2J4
Molecular Weight	55,924 Da
NCBI Official Full Name	serine/threonine-protein kinase Nek3 isoform b
NCBI Official Synonym Full Names	NIMA-related kinase 3
NCBI Official Symbol	NEK3
NCBI Official Synonym Symbols	HSPK36
NCBI Protein Information	serine/threonine-protein kinase Nek3
UniProt Protein Name	Serine/threonine-protein kinase Nek3
UniProt Gene Name	NEK3
UniProt Synonym Gene Names	NimA-related protein kinase 3
UniProt Entry Name	NEK3_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/nek3-antibody-immunofluorescence-western-blot-elisa/301273>