

Rabbit NEK3 Polyclonal Antibody | anti-NEK3 antibody

NEK3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279459	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

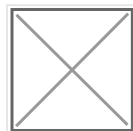
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

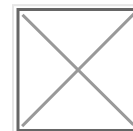
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	506
Applicable Applications for anti-NEK3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human NEK3
Calculated Molecular Weight	57kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

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



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NEK3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

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.

Product Categories/Family for anti-NEK3 antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20178297
NCBI GeneID	4752
UniProt Accession #	P51956; Q5TAP2; Q8J023; Q8WUN5; A8K2J4
Molecular Weight	506
NCBI Official Full Name	Serine/threonine-protein kinase Nek3
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; HSPK 36; glycogen synthase A kinase; hydroxyalkyl-protein kinase; nimA-related protein kinase 3; phosphorylase B kinase kinase; never in mitosis A-related kinase 3; NIMA (never in mitosis gene a)-related kinase 3
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-immunohistochemistry-western-blot-elisa/279459>