

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

NEK3 Antibody

CATALOG # AAA232185	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

NEK3; Polyclonal Antibody; NEK3 Antibody; Serine/threonine-protein kinase Nek3; HSPK 36; Never in mitosis A-related kinase 3; NimA-related protein kinase 3; anti-NEK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	489
Applicable Applications for anti-NEK3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Serine/threonine-protein kinase Nek3 protein (C-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7441 / sc-292542
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



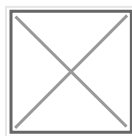
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232185 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA232185 at dilution 1:100



WB (Western Blot)

Western blot All lanes: NEK3 antibody at 6.04ug/mL Lane 1 : MCF7 whole cell lysate Lane 2 : HeLa whole cell lysate Secondary Goat polyclonal to Rabbit IgG at 1/10000 dilution Predicted band size: 58,56 kDa Observed band size: 58 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NEK3 antibody	Protein kinase which influences neuronal morphogenesis and polarity through effects on microtubules. Regulates microtubule acetylation in neurons. Contributes to prolactin-mediated phosphorylation of PXN and VAV2. Implicated in prolactin-mediated cytoskeletal reorganization and motility of breast cancer cells through mechanisms involving RAC1 activation and phosphorylation of PXN and VAV2.
--	--

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.