

Rabbit NEK6 Polyclonal Antibody | anti-NEK6 antibody

Rabbit Polyclonal to Human NEK6

CATALOG # AAA51400	HOST Rabbit	REACTIVITY Gibbon, Gorilla, Human, Monkey, Orangutan	APPLICATIONS Immunohistochemistry
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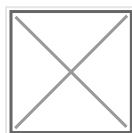
PRODUCT SYNONYMS

NEK6; Polyclonal Antibody; Rabbit Polyclonal to Human NEK6; Anti-NEK6 Antibody (N-Terminus) IHC-plus; NIMA-related kinase 6; Protein kinase SID6-1512; Nima-related protein kinase 6; SID6-1512; Human NEK6; anti-NEK6 antibody

PRODUCT SPECIFICATIONS

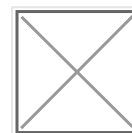
Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey, Orangutan
Clonality	Polyclonal
Specificity	Human NEK6. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	313
Applicable Applications for anti-NEK6 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 14 amino acid peptide from N-terminus of human NEK6. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset (100%); Mouse, Rat, Hamster, Panda, Dog, Horse, Pig (86%).
Immunogen Type	Synthetic peptide
Immunogen	NEK6 antibody was raised against synthetic 14 amino acid peptide from N-terminus of human NEK6. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset (100%); Mouse, Rat, Hamster, Panda, Dog, Horse, Pig (86%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)

Anti-NEK6 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

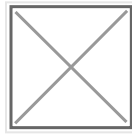
Anti-NEK6 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemisry)**

Anti-NEK6 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohiostchemistry)**

Anti-NEK6 antibody IHC of human Lymph Node, Non-Hodgkins Lymphoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

**IHC (Immunohistochemistry)**

Anti-NEK6 antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-NEK6 antibody	NEK6 encodes a NEK type protein kinase, which contains a C-terminal NIMA-like catalytic domain. The protein is believed to regulate chromatin condensation in mammalian cells via phosphorylation of histones H1 and H3, and it has been shown to phosphorylate ribosomal S6 protein kinase (S6K1) and serum and glucocorticoid induced protein kinase (SGK1), which regulate diverse cellular processes.
Product Categories/Family for anti-NEK6 antibody	Family: Protein Kinase ; Subfamily: NEK

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923407
NCBI GeneID	10783
NCBI Accession #	NP_055212.2
NCBI GenBank Nucleotide #	NM_014397.5
UniProt Accession #	Q9HC98 ; Q5TBG3 ; Q5TBG9 ; Q6FG86 ; Q6IAR3 ; Q96E83 ; Q9ULX2 ; B7Z2D9
Molecular Weight	38,460 Da
NCBI Official Full Name	serine/threonine-protein kinase Nek6 isoform 2
NCBI Official Synonym Full Names	NIMA-related kinase 6
NCBI Official Symbol	NEK6
NCBI Official Synonym Symbols	SID6-1512
NCBI Protein Information	serine/threonine-protein kinase Nek6; protein kinase SID6-1512; nimA-related protein kinase 6; never in mitosis A-related kinase 6; putative serine-threonine protein kinase; NIMA (never in mitosis gene a)-related kinase 6
UniProt Protein Name	Serine/threonine-protein kinase Nek6
UniProt Gene Name	NEK6
UniProt Synonym Gene Names	NimA-related protein kinase 6
UniProt Entry Name	NEK6_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.