

Rabbit NEK9 Polyclonal Antibody | anti-NEK9 antibody

Rabbit Polyclonal to Human NEK9

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51144	Rabbit	Gibbon, Gorilla, Hamster, Horse, Human, Monkey, Pig, Rabbit Predicted Reactivity: Mouse, Rat, Bat, Bovine, Dog (at least 90% immunogen sequence identity)	Immunohistochemistry

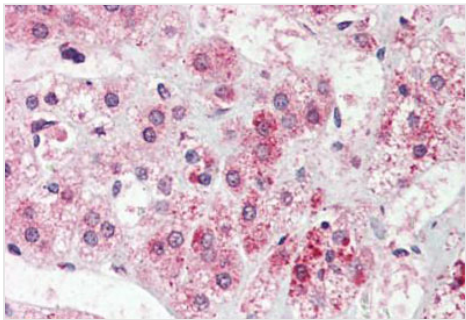
PRODUCT SYNONYMS

NEK9; Polyclonal Antibody; Rabbit Polyclonal to Human NEK9; Anti-NEK9 Antibody (Pro/Ser/Thr Rich Domain) IHC-plus; KIAA1995; NERCC; NERCC1; Nercc1 kinase; NIMA-related kinase 8; NIMA-related kinase Nek8; NIMA-related kinase 9; NimA-related protein kinase 9; Human NEK9; anti-NEK9 antibody

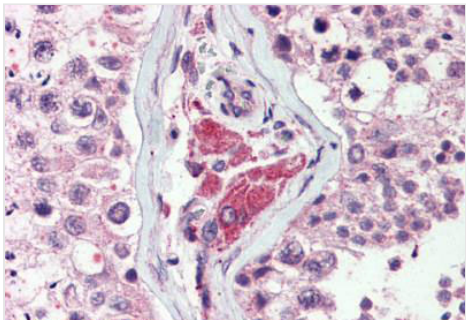
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Hamster, Horse, Human, Monkey, Pig, Rabbit Predicted Reactivity: Mouse, Rat, Bat, Bovine, Dog (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human NEK9. 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	979
Applicable Applications for anti-NEK9 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from Pro/Ser/Thr rich domain of human NEK9. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Hamster, Elephant, Panda, Horse, Rabbit, Pig (100%); Mouse, Rat, Dog, Bovine.
Immunogen Type	Synthetic peptide
Immunogen	NEK9 antibody was raised against synthetic 15 amino acid peptide from Pro/Ser/Thr rich domain of human NEK9. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Hamster, Elephant, Panda, Horse, Rabbit, Pig (100%); Mouse, Rat, Dog, Bovine, Bat, Opossum (93%); Platypus (87%); Turkey, Chicken (80%).
Antigen Modification	Pro/Ser/Thr Rich Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-NEK9 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-NEK9 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-NEK9 antibody	NEK9, a NEK type protein kinase, regulates chromosome alignment and segregation in mitosis. The protein has a N-terminal NIMA-like catalytic domain, a central domain with homology to the guanine nucleotide exchange factor for the GTPase Ran (RCC1), and a C-terminal coiled-coil domain. It is phosphorylated by active p34(Cdc2) and is capable of autophosphorylation and oligomerization.
Product Categories/Family for anti-NEK9 antibody	Family: Protein Kinase; Subfamily: NEK

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136641
NCBI GeneID	91754
NCBI Accession #	NP_149107.4
NCBI GenBank Nucleotide #	NM_033116.4
UniProt Accession #	Q8TD19; Q52LK6; Q8NCN0; Q8TCY4; Q9UPI4; Q9Y6S4; Q9Y6S5; Q9Y6S6
Molecular Weight	107,168 Da
NCBI Official Full Name	serine/threonine-protein kinase Nek9
NCBI Official Synonym Full Names	NIMA-related kinase 9
NCBI Official Symbol	NEK9
NCBI Official Synonym Symbols	Nek8; NERCC; NERCC1
NCBI Protein Information	serine/threonine-protein kinase Nek9; nercc1 kinase; nimA-related kinase 8; NIMA-related kinase Nek8; nimA-related protein kinase 9; never in mitosis A-related kinase 9; NIMA (never in mitosis gene a)- related kinase 9
UniProt Protein Name	Serine/threonine-protein kinase Nek9
UniProt Gene Name	NEK9
UniProt Synonym Gene Names	KIAA1995; NEK8; NERCC; NimA-related protein kinase 9; Nek8
UniProt Entry Name	NEK9_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.