

Rabbit NEK9 Polyclonal Antibody | anti-NEK9 antibody

Rabbit Polyclonal to Human NEK9

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51192	Rabbit	Bat, Gibbon, Bovine, Chicken, Gorilla, Horse, Human, Monkey, Mouse, Pig, Rabbit Predicted Reactivity: Rat, Dog, Xenopus (at least 90% immunogen sequence identity)	Immunohistochemistry

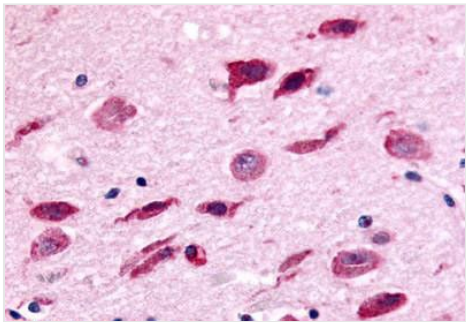
PRODUCT SYNONYMS

NEK9; Polyclonal Antibody; Rabbit Polyclonal to Human NEK9; Anti-NEK9 Antibody (Kinase 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

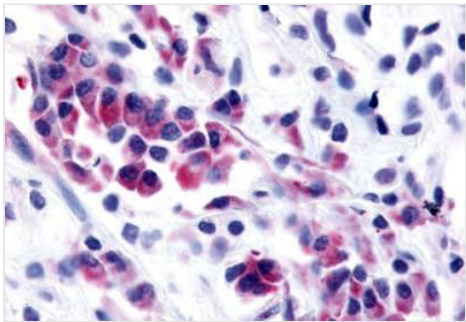
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Chicken, Gorilla, Horse, Human, Monkey, Mouse, Pig, Rabbit Predicted Reactivity: Rat, Dog, Xenopus (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 20 amino acid peptide from kinase domain of human NEK9.
Immunogen Type	Synthetic peptide
Immunogen	NEK9 antibody was raised against synthetic 20 amino acid peptide from kinase domain of human NEK9. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Elephant, Panda, Bovine, Bat, Horse, Rabbit, Pig, Opossum, Turkey, Chicken, Lizard (100%); Rat, Dog (95%); Xenopus (90%); Pufferfish (80%).
Antigen Modification	Kinase Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

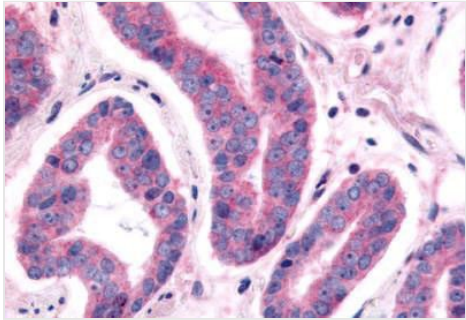
IMAGES



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



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



IHC (Immunohistochemistry)
Anti-NEK9 antibody IHC of human Prostate, Carcinoma. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nek9-antibody-immunohistochemistry-elisa/51192>