

Rabbit NEK9 Polyclonal Antibody | anti-NEK9 antibody

NEK9 Rabbit pAb

CATALOG # AAA281857	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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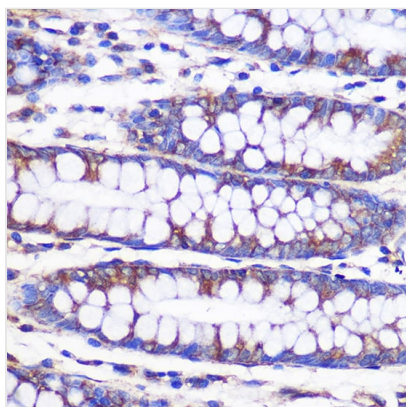
PRODUCT SYNONYMS

NEK9; Polyclonal Antibody; NEK9 Rabbit pAb; APUG; LCCS10; NC; NERCC; NERCC1; anti-NEK9 antibody

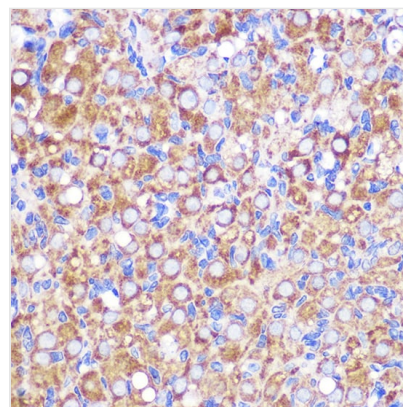
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	SKTIRSNSSG LSIQTVFQSS SPGGGGGGGG GEEEDSQQES ETPDPGGFR GTMEADRGME GLISPTEAMG NSNGASSSCP GWLRKELENA EFIPMPDPS PLSAAFSESE KDTLPYEELQ GLKVASEAPL EHKPQVEASS PRLNPAVTCA GKGTPLTTPA CACSSLQVEV ERLQGLVLKC LAEQQLQQE NLQIFTQLQK LNKKLEGGQQ VGMHSGKTQT AKEEMEMDPK PDLSDSWCL LGTDSCRPSL
Applicable Applications for anti-NEK9 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 730-979 of human NEK9 (NP_149107.4).
Positive Samples	HepG2, Raji, Mouse heart, Rat thymus, Rat lung, Rat spleen
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

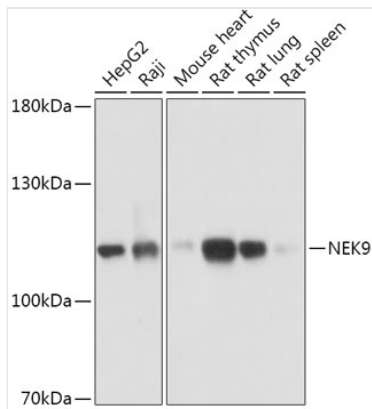
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon using NEK9 antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat ovary using NEK9 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NEK9 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.

ADDITIONAL INFORMATION

Related Product Information for anti-NEK9 antibody	Background: This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein is activated in mitosis and, in turn, activates other family members during mitosis. This protein also mediates cellular processes that are essential for interphase progression. [provided by RefSeq, Jul 2016]
Product Categories/Family for anti-NEK9 antibody	Signal Transduction; Kinase; Tyrosine kinases; Research; Cell Biology & Developmental Biology; Cell Cycle; Centrosome

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.

