

Rabbit anti-Human, mouse Nek9 Polyclonal Antibody | anti-Nek9 antibody

Mouse Nek9 Antibody (Center)

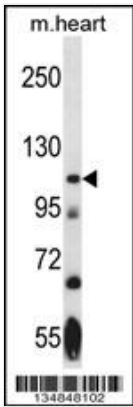
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286427	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

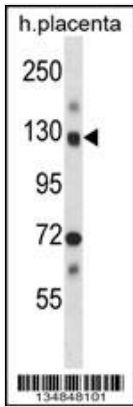
Nek9; Polyclonal Antibody; Mouse Nek9 Antibody (Center); Serine/threonine-protein kinase Nek9; Nercc1 kinase; Never in mitosis A-related kinase 9; NimA-related protein kinase 9; Nercc; anti-Nek9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Nek9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 503-530 amino acids from the Central region of mouse Nek9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	503-530
Sequence Length	984
Applicable Applications for anti-Nek9 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Mouse Nek9 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the Nek9 antibody detected the Nek9 protein (arrow).



WB (Western Blot)
Mouse Nek9 Antibody (Center) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the Nek9 antibody detected the Nek9 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Nek9 antibody	Pleiotropic regulator of mitotic progression, participating in the control of spindle dynamics and chromosome separation. Phosphorylates different histones, myelin basic protein, beta-casein, and BICD2. Phosphorylates histone H3 on serine and threonine residues and beta-casein on serine residues Important for G1/S transition and S phase progression (By similarity).
Product Categories/Family for anti-Nek9 antibody	Cell Biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	158631240
NCBI GeneID	217718
NCBI Accession #	NP_660120.2
NCBI GenBank Nucleotide #	NM_145138.2
UniProt Accession #	Q8K1R7; Q148U2; Q8R3P1
Molecular Weight	107143
NCBI Official Full Name	serine/threonine-protein kinase Nek9
NCBI Official Synonym Full Names	NIMA (never in mitosis gene a)-related expressed kinase 9
NCBI Official Symbol	Nek9
NCBI Official Synonym Symbols	C130021H08Rik
NCBI Protein Information	serine/threonine-protein kinase Nek9
UniProt Protein Name	Serine/threonine-protein kinase Nek9
UniProt Gene Name	Nek9
UniProt Synonym Gene Names	Nercc; NimA-related protein kinase 9
UniProt Entry Name	NEK9_MOUSE

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.