

Rabbit Nek6 Polyclonal Antibody | anti-Nek6 antibody

Mouse Nek6 Antibody (C-term)

CATALOG # AAA287689	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Pig, Rat)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

Nek6; Polyclonal Antibody; Mouse Nek6 Antibody (C-term); Serine/threonine-protein kinase Nek6; Never in mitosis A-related kinase 6; NimA-related protein kinase 6; anti-Nek6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Nek6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 251-280 amino acids from the C-terminal region of mouse Nek6.
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	251-280
Sequence Length	313
Applicable Applications for anti-Nek6 antibody	IHC (Immunohistochemistry), 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.

IMAGES



IHC (Immunohistochemistry)

Mouse Nek6 Antibody (C-term) (AAA287689) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Nek6 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of Nek6 (arrow) using rabbit polyclonal Mouse Nek6 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Nek6 gene.



WB (Western Blot)

Mouse Nek6 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the Nek6 antibody detected the Nek6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Nek6 antibody	Activated during M phase. Required for chromosome segregation at metaphase-anaphase transition and therefore for mitotic progression. Inhibition of activity results in apoptosis (By similarity).
Product Categories/Family for anti-Nek6 antibody	Cancer; Cell biology
References	Jeon, Y.J., et al. J. Biol. Chem. 285(36):28126-28133(2010) Kaput, J., et al. Physiol. Genomics 18(3):316-324(2004) Visel, A., et al. Nucleic Acids Res. 32 (DATABASE ISSUE), D552-D556 (2004) : Hashimoto, Y., et al. Biochem. Biophys. Res. Commun. 293(2):753-758(2002) Feige, E., et al. Mech. Dev. 110 (1-2), 219-223 (2002) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	227499829
NCBI GeneID	59126
NCBI Accession #	NP_001153103.1; NP_067619.1
NCBI GenBank Nucleotide #	NM_001159631.1
UniProt Accession #	Q9ES70; Q3TCE9; Q8C6E6; Q9D0E2; Q9DBI8
Molecular Weight	35742
NCBI Official Full Name	serine/threonine-protein kinase Nek6
NCBI Official Synonym Full Names	NIMA (never in mitosis gene a)-related expressed kinase 6
NCBI Official Symbol	Nek6
NCBI Official Synonym Symbols	1300007C09Rik
NCBI Protein Information	serine/threonine-protein kinase Nek6
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_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.