

NEK9 blocking peptide

NEK9 Peptide - C-terminal region

CATALOG # AAA201855	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

NEK9; NEK9 Peptide - C-terminal region; NEK9 blocking peptide

PRODUCT SPECIFICATIONS

Reactivity	Human
Form/Format	Lyophilized powder
Applicable Applications for NEK9 blocking peptide	WB (Western Blot)
Gene symbol	NEK9
Alias symbols	NEK9,KIAA1995,NEK8,NERCC,
Peptide sequence	Synthetic peptide located within the following region: DSQQESETPDPSGGFRGTMEADRGMEGLISPTEAMGNSNGASSSCPGWLR
Quality control	The peptide is characterized by mass spectroscopy
Protein size	979 amino acids
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20C. Avoid repeat freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NEK9 blocking peptide	Description: This is a synthetic peptide designed for use in combination with anti-NEK9 Antibody (MBS3219529). It may block above mentioned antibody from binding to its target protein in western blot and/or immunohistochemistry under proper experimental settings. There is no guarantee for its use in other applications. Please inquire for more details. Description of target: NEK9 is a pleiotropic regulator of mitotic progression, participating in the control of spindle dynamics and chromosome separation. It phosphorylates different histones, myelin basic protein, beta-casein, and BICD2. Phosphorylates histone H3 on serine and threonine residues and beta-casein on serine residues. It is important for G1/S transition and S phase progression. It phosphorylates NEK6 and NEK7 and stimulates their activity by releasing the autoinhibitory functions of Tyr-108 and Tyr-97 respectively.
Product Categories/Family for NEK9 blocking peptide	Peptide

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136641
NCBI GeneID	91754
NCBI Accession #	NP_149107
NCBI GenBank Nucleotide #	NM_033116.6

UniProt Accession #	Q8TD19
Molecular Weight	107kDa
NCBI Official Full Name	serine/threonine-protein kinase Nek9 isoform 2
NCBI Official Synonym Full Names	NIMA related kinase 9
NCBI Official Symbol	NEK9
NCBI Official Synonym Symbols	NC; APUG; NERCC; LCCS10; NERCC1
NCBI Protein Information	serine/threonine-protein kinase Nek9
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.

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Online datasheet: <https://www.aaabiotech.com/human-blocking-peptide/nek9/201855>