

# Mouse Nek9 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP14450c

## **Specification**

## Mouse Nek9 Antibody (Center) Blocking Peptide - Product Information

**Primary Accession** 

**08K1R7** 

## Mouse Nek9 Antibody (Center) Blocking Peptide - Additional Information

**Gene ID 217718** 

#### **Other Names**

Serine/threonine-protein kinase Nek9, Nercc1 kinase, Never in mitosis A-related kinase 9, NimA-related protein kinase 9, Nek9, Nercc

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

## **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## Mouse Nek9 Antibody (Center) Blocking Peptide - Protein Information

Name Nek9 {ECO:0000303|PubMed:26522158, ECO:0000312|MGI:MGI:2387995}

## **Function**

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. Phosphorylates NEK6 and NEK7 and stimulates their activity by releasing the autoinhibitory functions of Tyr-108 and Tyr- 97 respectively.

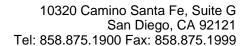
## **Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q8TD19}. Nucleus {ECO:0000250|UniProtKB:Q8TD19}

### Mouse Nek9 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides





# Mouse Nek9 Antibody (Center) Blocking Peptide - Images Mouse Nek9 Antibody (Center) Blocking Peptide - Background

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