

Mouse Nek9 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP14450c**Specification**

Mouse Nek9 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8K1R7](#)**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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