10320 Camino Santa Fe, Suite G
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Mouse Nek11 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14448a

Specification

Mouse Nek11 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q8C0Q4

Mouse Nek11 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 208583

Other Names
Serine/threonine-protein kinase Nek11, Never in mitosis A-related kinase 11, NimA-related protein kinase 11, Nek11 {ECO:0000312|MGI:MGI:2442276}

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 Nek11 Antibody (N-term) Blocking Peptide - Protein Information

Name Nek11 {ECO:0000312|MGI:MGI:2442276}

Function
Protein kinase which plays an important role in the G2/M checkpoint response to DNA damage. Controls degradation of CDC25A by directly phosphorylating it on residues whose phosphorylation is required for BTRC-mediated polyubiquitination and degradation.

Cellular Location
Nucleus {ECO:0000250|UniProtKB:Q8NG66}. Nucleus, nucleolus {ECO:0000250|UniProtKB:Q8NG66}. Note=Nuclear during interphase but moves to the polar microtubules during prometaphase and metaphase. Accumulates in the nucleolus in G1/S-arrested cells {ECO:0000250|UniProtKB:Q8NG66}

Mouse Nek11 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

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Mouse Nek11 Antibody (N-term) Blocking Peptide - Images

Mouse Nek11 Antibody (N-term) Blocking Peptide - Background

Possible role in S-phase checkpoint mechanism (By similarity).

Mouse Nek11 Antibody (N-term) Blocking Peptide - References

Katayama, S., et al. Science 309(5740):1564-1566(2005)