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Mouse Nek3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13925b

Specification

Mouse Nek3 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9R0A5
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**57464**
Antigen Region	**446-474**

Mouse Nek3 Antibody (C-term) - Additional Information

Gene ID 23954

Other Names
Serine/threonine-protein kinase Nek3, Never in mitosis A-related kinase 3, NimA-related protein kinase 3, Nek3

Target/Specificity
This Mouse Nek3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 446-474 amino acids from the C-terminal region of mouse Nek3.

Dilution
WB~~1:1000
IHC-P~~1:10~50

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.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Mouse Nek3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Nek3 Antibody (C-term) - Protein Information

Name Nek3

Function Protein kinase which influences neuronal morphogenesis and polarity through effects on

microtubules. Regulates microtubule acetylation in neurons. Contributes to prolactin-mediated phosphorylation of PXN and VAV2.

Cellular Location
Cytoplasm. Cell projection, axon

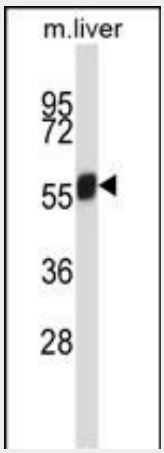
Tissue Location
Brain..

Mouse Nek3 Antibody (C-term) - Protocols

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

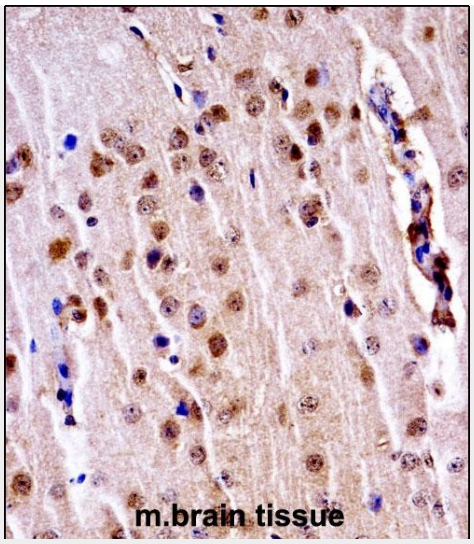
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Mouse Nek3 Antibody (C-term) - Images



Mouse Nek3 Antibody (C-term) (Cat. #AP13925b) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the Nek3 antibody detected the Nek3 protein (arrow).

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Mouse Nek3 Antibody (C-term)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Nek3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Mouse Nek3 Antibody (C-term) - Background

Kinase that may play a role in mitotic regulation.