10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Nek3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13925b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9R0A5
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34647
Calculated MW	57464
Antigen Region	446-474

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~~1:100~500 E~~Use at an assay dependent concentration.
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.

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.

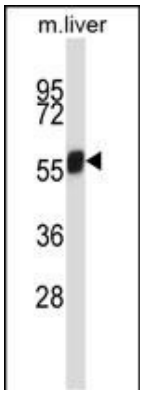
Cellular Location Cytoplasm. Cell projection, axon

Tissue Location Brain..

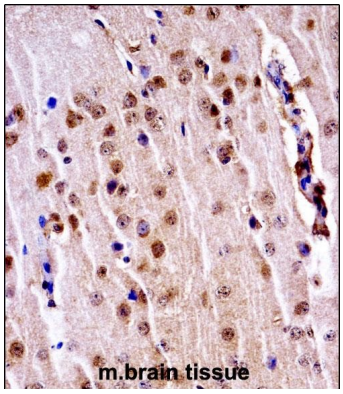
Background

Kinase that may play a role in mitotic regulation.

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).



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.