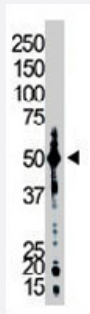


NEK2 polyclonal antibody

Catalog # PAB3284

Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of NEK2 polyclonal antibody (Cat # PAB3284) in mouse lung tissue lysate. NEK2 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NEK2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human NEK2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	Immunofluorescence (1:25) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of NEK2 polyclonal antibody (Cat # PAB3284) in mouse lung tissue lysate. NEK2 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunofluorescence

Gene Info — NEK2

Entrez GeneID	4751
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Protein Accession#	NEK2_HUMAN
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Gene Name	NEK2
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Gene Alias	HsPK21, NEK2A, NLK1
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Gene Description	NIMA (never in mitosis gene a)-related kinase 2
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Omim ID	604043
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Gene Ontology	Hyperlink
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Other Designations	OTTHUMP00000035216
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Publication Reference

- [Phosphorylation of the mitotic regulator protein Hec1 by Nek2 kinase is essential for faithful chromosome segregation.](#)

Chen Y, Riley DJ, Zheng L, Chen PL, Lee WH.

The Journal of Biological Chemistry 2002 Dec; 277(51):49408.

Application: IP-WB, WB-Ce, Human, Insect, T24, Sf9 cells

- [A preliminary gene map for the Van der Woude syndrome critical region derived from 900 kb of genomic sequence at 1q32-q41.](#)

Schutte BC, Bjork BC, Coppage KB, Malik MI, Gregory SG, Scott DJ, Brentzell LM, Watanabe Y, Dixon MJ, Murray JC.

Genome Research 2000 Jan; 10(1):81.

Disease

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