

NEK10 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21574c

Specification

NEK10 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O6ZWH5
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	133259

NEK10 Antibody (Center) - Additional Information

Gene ID 152110

Other Names

Serine/threonine-protein kinase Nek10,
Never in mitosis A-related kinase 10,
NimA-related protein kinase 10, NEK10

Target/Specificity

This NEK10 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 450-483 amino acids from the Central region of human NEK10.

Dilution

WB~~1:2000

Format

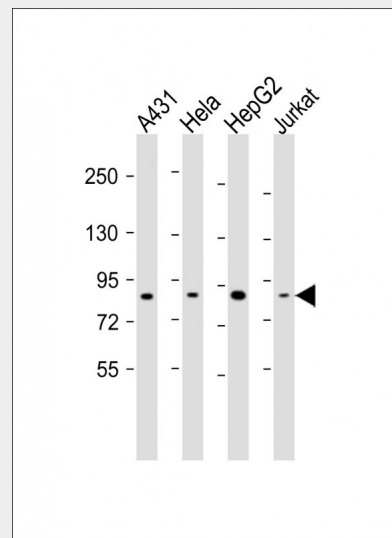
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

NEK10 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.



All lanes : Anti-NEK10 Antibody (Center) at 1:2000 dilution Lane 1: A431 whole cell lysates Lane 2: HeLa whole cell lysates Lane 3: HepG2 whole cell lysates Lane 4: Jurkat whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 133 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

NEK10 Antibody (Center) - References

- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Li H.,et al.Submitted (JUN-2005) to the EMBL/GenBank/DDBJ databases.
- Muzny D.M.,et al.Nature 440:1194-1198(2006).
- Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
- Bechtel S.,et al.BMC Genomics 8:399-399(2007).

NEK10 Antibody (Center) - Protein Information

Name NEK10 ([HGNC:18592](#))

Function

Plays a role in the cellular response to UV irradiation. Mediates G2/M cell cycle arrest, MEK autoactivation and ERK1/2- signaling pathway activation in response to UV irradiation. In ciliated cells of airways, it is involved in the regulation of mucociliary transport (PubMed:[31959991](http://www.uniprot.org/citations/31959991)).

Tissue Location

Expressed in the lung.

NEK10 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)