

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

NEK10 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q6ZWH5
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
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

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

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

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](#)).

Tissue Location

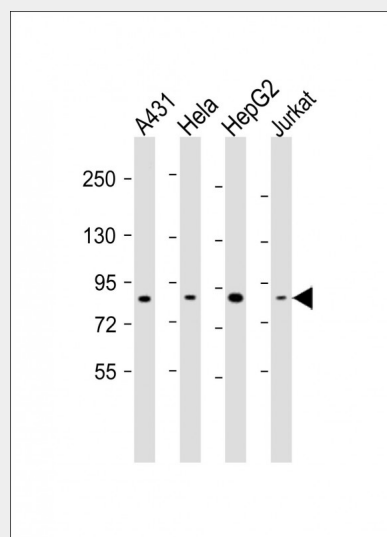
Expressed in the lung.

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](#)

NEK10 Antibody (Center) - Images



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% NFD/MTBST.

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).