

NEK10 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8704c**Specification****NEK10 Antibody (Center) Blocking Peptide -
Product Information**Primary Accession [Q6ZWH5](#)**NEK10 Antibody (Center) Blocking Peptide -
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**

The synthetic peptide sequence used to generate the antibody [AP8704c](/products/AP8704c) was selected from the Center region of human NEK10. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**NEK10 Antibody (Center) Blocking Peptide -
Protein Information****Name** NEK10 ([HGNC:18592](#))**NEK10 Antibody (Center) Blocking Peptide
- Background**

Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. NIMA subfamily.

**NEK10 Antibody (Center) Blocking Peptide
- References**

Caenepeel,S., et.al., Proc. Natl. Acad. Sci. U.S.A. 101 (32), 11707-11712 (2004)

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) Blocking Peptide
- Protocols**

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

- [Blocking Peptides](#)