

NEK3 rabbit monoclonal antibody

Catalog # H00004752-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NEK3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NEK3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NEK3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NEK3

Entrez GeneID	4752
GeneBank Accession#	NEK3
Gene Name	NEK3
Gene Alias	HSPK36, MGC29949
Gene Description	NIMA (never in mitosis gene a)-related kinase 3
Omim ID	604044
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein differs from other NimA family members in that it is not cell cycle regulated and is found primarily in the cytoplasm. The kinase is activated by prolactin stimulation, leading to phosphorylation of VAV2 guanine nucleotide exchange factor, paxillin, and activation of the RAC1 GTPase. Multiple transcript variants encoding different isoforms have been found for this gene
Other Designations	NIMA-related kinase 3 glycogen synthase A kinase hydroxyalkyl-protein kinase phosphorylase B kinase kinase serine/threonine-protein kinase NEK3

Disease

- [Tobacco Use Disorder](#)