

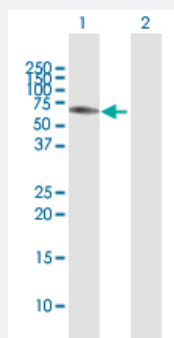
MaxPab®

NEK3 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004752-D01

Size 100 uL

Applications

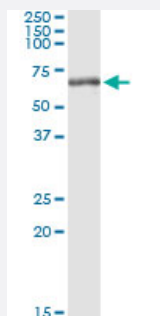


Western Blot (Transfected lysate)

Western Blot analysis of NEK3 expression in transfected 293T cell line ([H00004752-T01](#)) by NEK3 MaxPab polyclonal antibody.

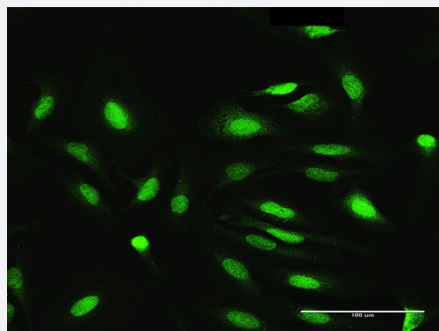
Lane 1: NEK3 transfected lysate(57.70 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of NEK3 transfected lysate using anti-NEK3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with NEK3 purified MaxPab mouse polyclonal antibody (B01P) ([H00004752-B01P](#)).



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NEK3 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human NEK3 protein.

Immunogen	NEK3 (NP_002489.1, 1 a.a. ~ 506 a.a) full-length human protein.
Sequence	MDDYMLVLRMIGEGSFGRALLVQHESNQMFMAMKEIRLPKSFSNTQNSRKEAVLLAKMKHPNIVAF KESFEAEGLHYVMEYCDGGDLMDQIKQQKGKLFPEMILNWFTQMCLGVNHHKKRVLHRDIKSK NIFLTQNGKVKLGDGFSARLLSNPMAFACTYVGTPYYVPPEWENLPYNNKSDIWSLGCILYELCTL KHPFQANSWKNLILKVCQGCISPLPSHYSYELQFLVKQMFKRNPShRPSATTLLSRGMARLVQKC LPPEIIMEYGEEVLEEIKNSKHNTPRKKTNP SRIRIALGNEASTVQEEEQDRKGSHTDLESINENLVE SALRRVNREEKGNKSVHLRKASSPNLHRRQWEKNVPNTALTALENASILTSSLTAEDDRGGSVIK YSKNTTRKQWLKETPD TLLNILKNADLSLAFQTYTYRPGSEGFLKGPLSEETEASDSVDGGHDSVI LDPERLEPGLDEEDTDFEEEDDNPDWVSELKKRAGWQGLCDR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (69)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NEK3 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — NEK3

Entrez GeneID	4752
GeneBank Accession#	NM_002498.1
Protein Accession#	NP_002489.1
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](#)