

Rabbit NEK2 Antibody | anti-NEK2 antibody

NEK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326998	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

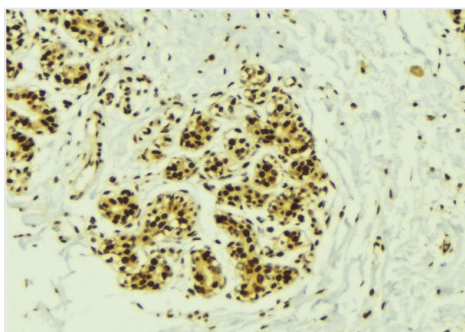
PRODUCT SYNONYMS

NEK2; NEK2 Antibody; HSPK 21; HsPK21; NEK 2; NEK2_HUMAN; NEK2A; Never in mitosis A-related kinase 2; NIMA (never in mitosis gene a) related kinase 2; NimA like protein kinase 1; NIMA related kinase 2; NimA related protein kinase 2; NimA-like protein kinase 1; NimA-related protein kinase 2; NLK 1; NLK1; Serine/threonine-protein kinase Nek2; anti-NEK2 antibody

PRODUCT SPECIFICATIONS

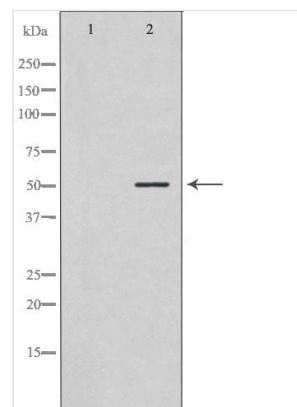
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	NEK2 Antibody detects endogenous levels of total NEK2.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NEK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NEK2,corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA326998 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of LoVo cell lysate, using NEK2 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NEK2 antibody	This gene encodes a serine/threonine-protein kinase that is involved in mitotic regulation. This protein is localized to the centrosome, and undetectable during G1 phase, but accumulates progressively throughout the S phase, reaching maximal levels in late G2 phase. Alternatively spliced transcript variants encoding different isoforms with distinct C-terminal have been noted for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323510688
NCBI GeneID	4751
NCBI Accession #	NP_001191111.1
NCBI GenBank Nucleotide #	NM_001204182.1
UniProt Accession #	P51955; Q53FD6; Q5I1Z9; Q5VXZ1; Q6NZX8; Q7Z634; Q86XH2; Q96QN9
Molecular Weight	51kDa
NCBI Official Full Name	serine/threonine-protein kinase Nek2 isoform 3
NCBI Official Synonym Full Names	NIMA related kinase 2
NCBI Official Symbol	NEK2
NCBI Official Synonym Symbols	NLK1; RP67; NEK2A; HsPK21; PPP1R111
NCBI Protein Information	serine/threonine-protein kinase Nek2
UniProt Protein Name	Serine/threonine-protein kinase Nek2
UniProt Gene Name	NEK2
UniProt Synonym Gene Names	NEK2A; NLK1; NimA-related protein kinase 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.