

Rabbit NEK2 Polyclonal Antibody | anti-NEK2 antibody

NEK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301286	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

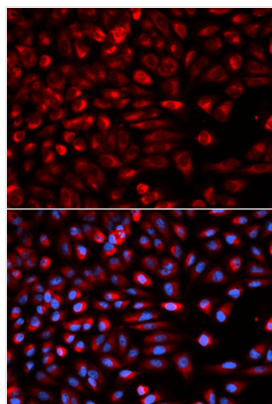
PRODUCT SYNONYMS

NEK2; Polyclonal Antibody; NEK2 Antibody; NLK1; NEK2A; HsPK21; anti-NEK2 antibody

PRODUCT SPECIFICATIONS

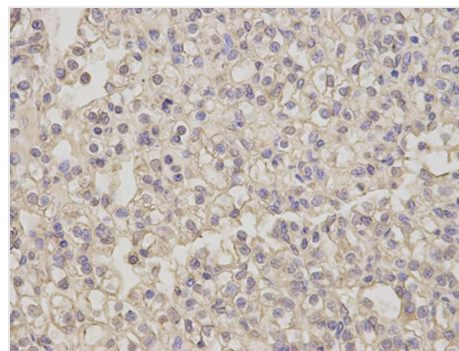
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NEK2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	388
Applicable Applications for anti-NEK2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NEK2.
Target Name	NEK2
Preparation and Storage	Store at -20 degree C

IMAGES



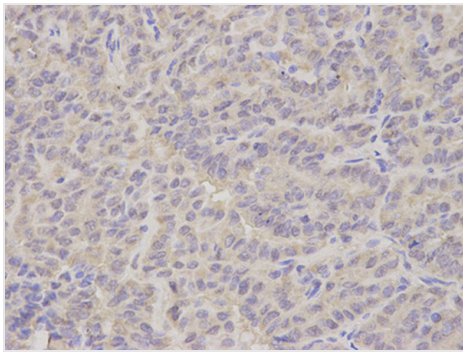
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using NEK2 antibody. Blue: DAPI for nuclear staining.

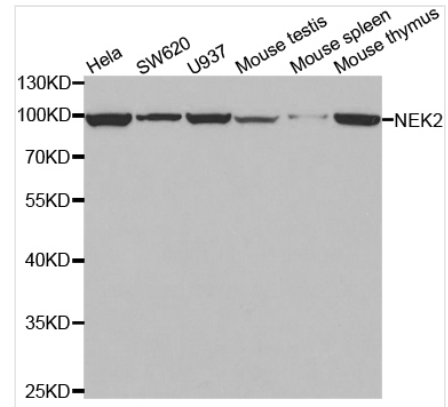


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human thyroid cancer using NEK2 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney cancer using NEK2 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using NEK2 antibody.

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-termini have been noted for this gene.
Product Categories/Family for anti-NEK2 antibody	Total protein Ab

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; Q511Z9; Q5VXZ1; Q6NZX8; Q7Z634; Q86XH2; Q96QN9
Molecular Weight	50,909 Da
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
UniProt Entry Name	NEK2_HUMAN

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.