

Rabbit anti-Human NEK4 Polyclonal Antibody | anti-NEK4 antibody

Rabbit anti-NEK4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211961	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

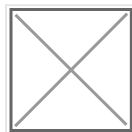
PRODUCT SYNONYMS

NEK4; Polyclonal Antibody; Rabbit anti-NEK4 Antibody; Affinity Purified; serine/threonine kinase 2; serine/threonine-protein kinase NRK2; serine/threonine-protein kinase Nek4 variant 2; serine/threonine-protein kinase Nek4; STK2; serine/threonine protein kinase-2; NRK2; nimA-related protein kinase 4; NIMA (never in mitosis gene a)-related kinase 4; never in mitosis A-related kinase 4; pp12301; Serine/threonine-protein kinase 2; Serine/threonine-protein kinase Nek4; NIMA related kinase 4; anti-NEK4 antibody

PRODUCT SPECIFICATIONS

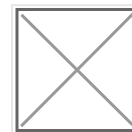
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-NEK4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 500 and 550
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human NEK4 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-NEK4 antibody AAA211961 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. NEK4 was also immunoprecipitated by rabbit anti-NEK4 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human NEK4 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-NEK4 (Cat. No. AAA211961 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-NEK4 antibody	NEK4 (NIMA-related kinase 4) is a serine-threonine protein kinase related to the aspergillus NIMA (never-in-mitosis gene a) kinase. NEK4 is proposed to play a role in cell division.
Product Categories/Family for anti-NEK4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	302058310
NCBI GeneID	6787
NCBI Accession #	NP_003148.2
NCBI GenBank Nucleotide #	NM_003157
UniProt Accession #	P51957; Q6P576; A5YM70; B2R633; B7Z200
Molecular Weight	84,348 Da
NCBI Official Full Name	Homo sapiens NIMA-related kinase 4 (NEK4), transcript variant 1, mRNA
NCBI Official Synonym Full Names	NIMA-related kinase 4
NCBI Official Symbol	NEK4
NCBI Official Synonym Symbols	NRK2; STK2; pp12301
NCBI Protein Information	serine/threonine-protein kinase Nek4; NIMA (never in mitosis gene a)-related kinase 4; never in mitosis A-related kinase 4; nimA-related protein kinase 4; serine/threonine kinase 2; serine/threonine protein kinase-2; serine/threonine-protein kinase 2; ser
UniProt Protein Name	Serine/threonine-protein kinase Nek4
UniProt Gene Name	NEK4
UniProt Synonym Gene Names	STK2; NimA-related protein kinase 4
UniProt Entry Name	NEK4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nek4-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211961>