

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

NEK4 Antibody

CATALOG # AAA306833	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

NEK4; Polyclonal Antibody; NEK4 Antibody; NRK2; STK2; pp12301; anti-NEK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total NEK4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	752
Applicable Applications for anti-NEK4 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human NIMA-related kinase 4
Target Name	NEK4
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/25.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/25.

ADDITIONAL INFORMATION

Related Product Information for anti-NEK4 antibody

NIMA was originally shown in *Aspergillus nidulans* to be necessary for entry into mitosis. NIMA-related mammalian proteins have since been identified as Nek1, Nek2, Nek3 and Nek4 (also designated STK2 or NRK2). High expression of Nek1 is seen in male and female germ cell lines of mouse. Nek2 is the closest known mammalian relative to NIMA. Like NIMA, Nek2 expression peaks at the G2 to M phase transition. Nek3 is a predominantly cytoplasmic enzyme that was detectable in all organs studied. Levels of Nek3 seem to remain unchanged throughout the cell cycle, but appear to be elevated in G0-arrested, quiescent fibroblasts. In developing testicular germ cells, differential patterns of expression were seen for Nek1, Nek2 and Nek4, indicating possible overlapping, but non-identical functions.

NCBI AND UNIPROT INFORMATION

NCBI GI #	302058308
NCBI GeneID	6787
NCBI Accession #	NP_001180462.1
NCBI GenBank Nucleotide #	NM_001193533.1
UniProt Accession #	P51957; Q6P576; A5YM70; B2R633; B7Z200
Molecular Weight	84,348 Da
NCBI Official Full Name	serine/threonine-protein kinase Nek4 isoform 2
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
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-elisa/306833>