

Rabbit anti-Human, Mouse NEK5 Polyclonal Antibody | anti-NEK5 antibody

NEK5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325116	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NEK5; Polyclonal Antibody; NEK5 Antibody; MGC75495; NEK5_HUMAN; Never in mitosis A-related kinase 5; NIMA (never in mitosis gene a) related kinase 5; NIMA related kinase 5; NimA related protein kinase 5; NimA-related protein kinase 5; OTTHUMP00000040896; Serine/threonine protein kinase Nek5; Serine/threonine-protein kinase Nek5; anti-NEK5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	NEK5 antibody detects endogenous levels of total NEK5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	708
Applicable Applications for anti-NEK5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (88%), Rabbit (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using NEK5 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325116 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NEK5 antibody	Function: ATP + a protein = ADP + a phosphoprotein. Similarity: Belongs to the protein kinase superfamily. NEK Ser/Thr protein kinase family. NIMA subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83627721
NCBI GeneID	341676
NCBI Accession #	NP_954983.1
NCBI GenBank Nucleotide #	NM_199289.2
UniProt Accession #	Q6P3R8; Q5TAP5
Molecular Weight	Observed: 80 kD Predicted: 82 kDa
NCBI Official Full Name	serine/threonine-protein kinase Nek5 isoform 1
NCBI Official Synonym Full Names	NIMA related kinase 5
NCBI Official Symbol	NEK5
NCBI Protein Information	serine/threonine-protein kinase Nek5
UniProt Protein Name	Serine/threonine-protein kinase Nek5
UniProt Gene Name	NEK5
UniProt Synonym Gene Names	NimA-related protein kinase 5

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nek5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325116>