

Datasheet for ABIN7268914
anti-NEK9 antibody (AA 730-979)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	NEK9
Binding Specificity:	AA 730-979
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	NEK9 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 730-979 of human NEK9 (NP_149107.4).
Sequence:	SKTIRSNSSG LSIGTVFQSS SPGGGGGGGG GEEEDSQQES ETPDPSGGFR GTMEADRGME GLISPTEAMG NSNGASSSCP GWLRKELENA EFIPMPDSPS PLSAAFSESE KDTLPYEELQ GLKVASEAPL EHKPQVEASS PRLNPAVTCA GKGTPLTTPA CACSSLQVEV ERLQGLVLKC LAEQQKLQQE NLQIFTQLQK LNKKLEGGQQ VGMHSGTQT AKEEMEMDPK PDLSDSWCL LGTDSRPSL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: NEK9

Alternative Name: NEK9 ([NEK9 Products](#))

Background: This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein is activated in mitosis and, in turn, activates other family members during mitosis. This protein also mediates cellular processes that are essential for interphase progression. [provided by RefSeq, Jul 2016],APUG,LCCS10,NC,NERCC,NERCC1,NEK9,Signal Transduction,Kinase,Tyrosine kinases,Cell Biology & Developmental Biology,Cell Cycle,Centrosome,NEK9

Molecular Weight: 107kDa

Gene ID: 91754

UniProt: [Q8TD19](#)

Pathways: [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

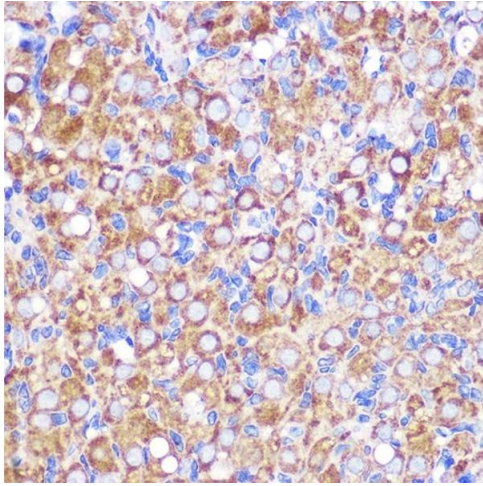
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

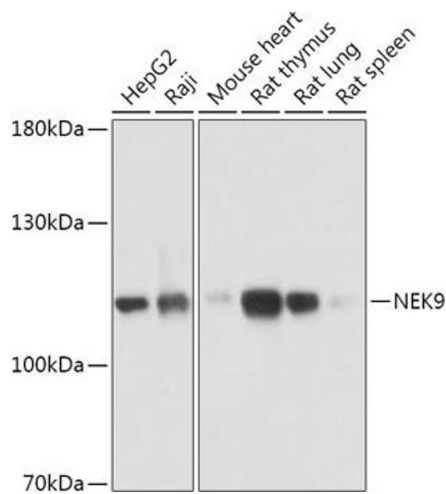
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



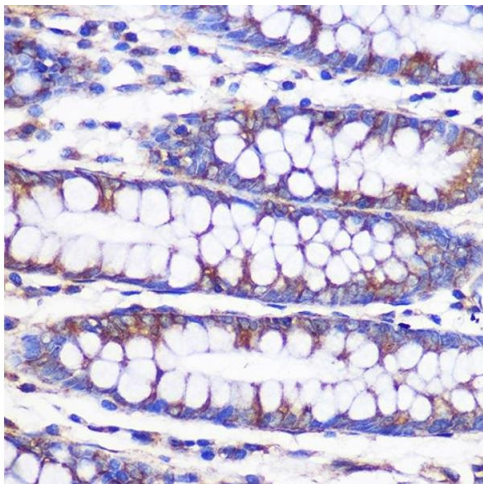
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Rat ovary using NEK9 antibody (ABIN7268914) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NEK9 antibody (ABIN7268914) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded Human colon using NEK9 antibody (ABIN7268914) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.