



Datasheet for ABIN1387020

## anti-NEK9 antibody



[Go to Product page](#)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	NEK9
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NEK9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

#### Target Details

Target:	NEK9
Alternative Name:	NEK9 ( <a href="#">NEK9 Products</a> )
Background:	Synonyms: Nek 8, NEK 9, Nek8, nek9, Nek-8, nek-9, NEK9_HUMAN, NERCC 1, Nercc 1 kinase, NERCC, NERCC1, Nercc1 kinase, Never in mitosis A related kinase 9, Never in mitosis A-related kinase 9, NIMA never in mitosis gene a related kinase 9, NIMA related kinase 8, NIMA related

## Target Details

---

kinase 9, NIMA related kinase Nek 8, NIMA related kinase Nek 9, NIMA related kinase Nek8, NIMA related kinase Nek9, NimA related protein kinase 9, NIMA-related kinase 8, NimA-related protein kinase 9, Serine/threonine protein kinase Nek 9, Serine/threonine protein kinase Nek9, Serine/threonine-protein kinase Nek9.

Background: Pleiotropic regulator of mitotic progression, participating in the control of spindle dynamics and chromosome separation. Phosphorylates different histones, myelin basic protein, beta-casein, and BICD2. Phosphorylates histone H3 on serine and threonine residues and beta-casein on serine residues. Important for G1/S transition and S phase progression.

---

Gene ID: 91754

---

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

## Application Details

---

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Concentration: 1 µg/µL

---

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

---

Preservative: ProClin

---

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

---

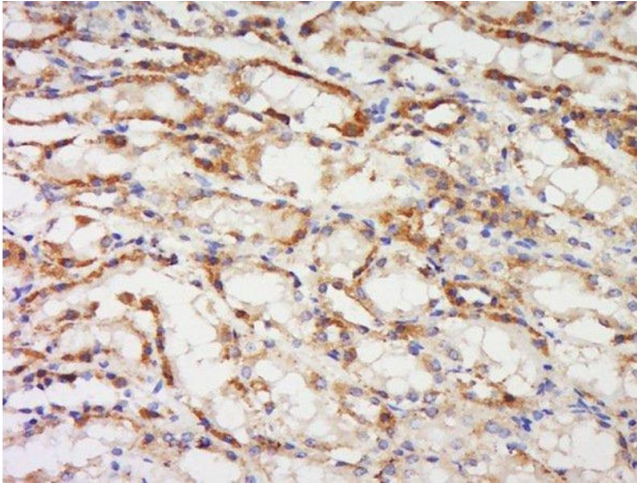
Storage: 4 °C, -20 °C

---

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

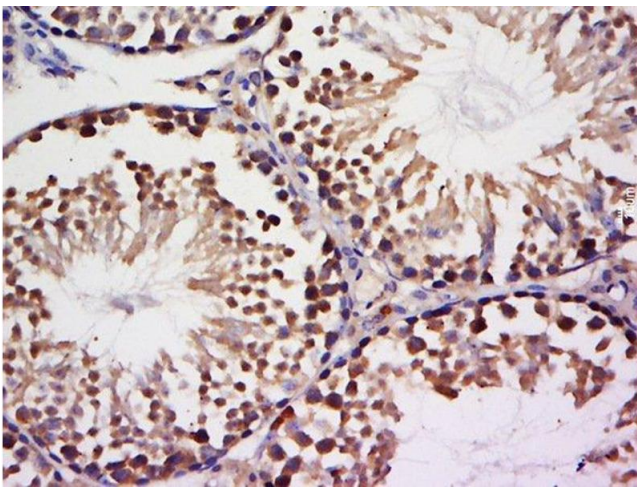
---

Expiry Date: 12 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded rat kidney tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-NEK9 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded mouse testis tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-NEK9 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining