

Nur für Forschungszwecke

# NEK9 Polyklonaler Antikörper

Katalog-Nr.: 51057-2-AP



## Allgemeine Informationen

**Katalog-Nr.:**  
51057-2-AP

**Größe:**  
150ul, Konzentration: 200 µg/ml von  
Nanodrop und 133 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**Immunogen Katalognummer:**  
AG1689

**GenBank-Zugangsnummer:**  
BC009336

**GeneID (NCBI):**  
91754

**Vollständiger Name:**  
NIMA (never in mitosis gene a)-  
related kinase 9

**Berechnete Masse:**  
107 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

IF 1:20-1:200

## Anwendungen

**Geprüfte Anwendungen:**

IF, ELISA

**Getestete Reaktivität:**

Human

**Positivkontrollen:**

IF : COS-7-Zellen,

## Hintergrundinformationen

NEK9 is also named as KIAA1995, NEK8, NERCC and belongs to the NEK Ser/Thr protein kinase family. It is independently identified as a Nek6- and Ran GTPase- binding protein under a different name, Nercc1 (PMID:14660563). Nek9, together with the highly similar Nek6 and Nek7, form a signaling module that is activated during mitosis and involved in the regulation of the mitotic spindle. Confocal microscopy identified that Nek9 was localized to the spindle poles at the metaphase stages and associated with the midbody at anaphase or telophase stage in both meiotic oocytes and the first mitotic embryos (PMID: 23159858). The endogenous Nek9 (with predicted molecular mass of 120 kDa) has an apparent molecular mass of 600 kDa, also compatible with a tetramer (PMID:21454704).

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern.

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

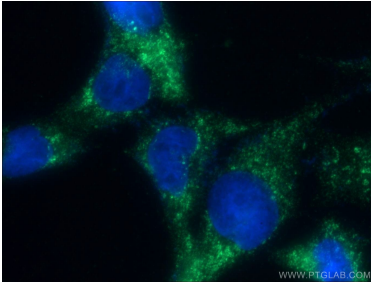
For technical support and original validation data for this product please contact:

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (10% Formaldehyde) fixed COS-7 cells using 51057-2-AP (NEK9 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).