Datasheet for ABIN7308078

# anti-NEK2 antibody

2 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | NEK2 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NEK2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC) |

## Product Details

| | |
|---|---|
| Purpose: | Rabbit polyclonal antibody to NEK2 |
| Immunogen: | Recombinant full length protein of human NEK2 |
| Specificity: | Recognizes endogenous levels of NEK2 protein. |
| Characteristics: | Rabbit polyclonal antibody to NEK2 |
| Purification: | The antibody was purified by immunogen affinity chromatography. |

## Target Details

| | |
|---|---|
| Target: | NEK2 |
| Alternative Name: | NEK2 (NEK2 Products) |
| Background: | NEK2A, NLK1, Serine/threonine-protein kinase Nek2, HSPK 21, Never in mitosis A-related kinase 2, NimA-related protein kinase 2, NimA-like protein kinase 1 |

## Target Details

| | |
|---|---|
| Gene ID: | 4751, 18005 |
| UniProt: | P51955, O35942 |
| Pathways: | M Phase |

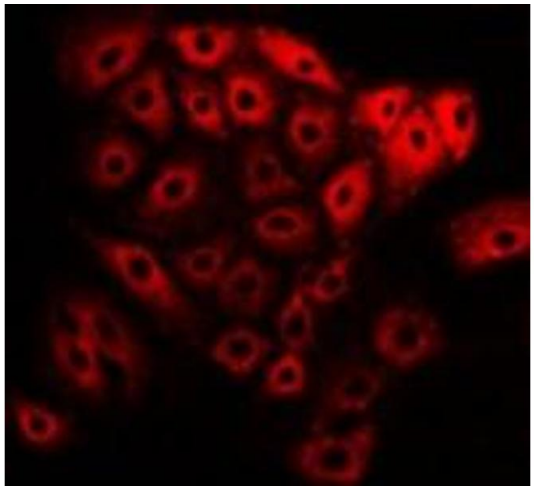
## Application Details

| | |
|---|---|
| Application Notes: | WB (1:500 - 1:2000), IF/IC (1:50 - 1:200) |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide. |
| 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: | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |
| Expiry Date: | 12 months |

## Images



**Immunofluorescence**

**Image 1.** Immunofluorescent analysis of NEK2 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i

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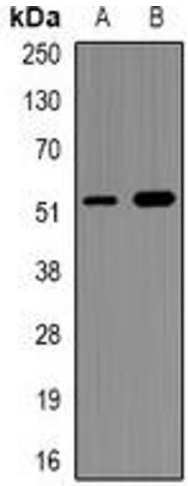


**Western Blotting**

**Image 2.** Western blot analysis of NEK2 expression in mouse testis (A), mouse thymus (B) whole cell lysates.