

Datasheet for ABIN7169102
anti-NEK4 antibody (AA 516-661)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	NEK4
Binding Specificity:	AA 516-661
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase Nek4 protein (516-661AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NEK4
Alternative Name:	NEK4 (NEK4 Products)
Background:	Background: Protein kinase that seems to act exclusively upon threonine residues (By similarity). Required for normal entry into proliferative arrest after a limited number of cell

Target Details

divisions, also called replicative senescence. Required for normal cell cycle arrest in response to double-stranded DNA damage.

Aliases: NEK4 antibody, STK2 antibody, Serine/threonine-protein kinase Nek4 antibody, EC 2.7.11.1 antibody, Never in mitosis A-related kinase 4 antibody, NimA-related protein kinase 4 antibody, Serine/threonine-protein kinase 2 antibody, Serine/threonine-protein kinase NRK2 antibody

UniProt: [P51957](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

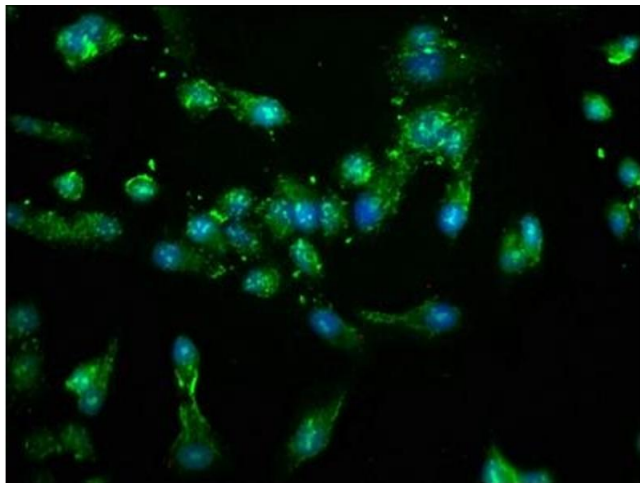
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7169102 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).