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## Datasheet for ABIN7169091 **anti-NEK1 antibody (AA 626-809) (HRP)**

### Overview

Quantity:	100 µg
Target:	NEK1
Binding Specificity:	AA 626-809
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK1 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Serine/threonine-protein kinase Nek1 protein (626-809AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	NEK1
Alternative Name:	NEK1 ( <a href="#">NEK1 Products</a> )
Background:	Background: Phosphorylates serines and threonines, but also appears to possess tyrosine kinase activity. Implicated in the control of meiosis (By similarity). Involved in cilium assembly.

## Target Details

In response to injury that includes DNA damage, NEK1 phosphorylates VDAC1 to limit mitochondrial cell death.

Aliases: DKFZp686D06121 antibody, DKFZp686K12169 antibody, kat antibody, KIAA1901 antibody, MGC138800 antibody, MGC189817 antibody, NEK1 antibody, NEK1\_HUMAN antibody, Never in mitosis A-related kinase 1 antibody, Never in mitosis gene A-related kinase 1 antibody, NIMA (never in mitosis gene a)-related kinase 1 antibody, NIMA-related kinase 1 antibody, NimA-related protein kinase 1 antibody, NY-REN-55 antibody, OTTHUMP00000219432 antibody, OTTHUMP00000219433 antibody, OTTHUMP00000219434 antibody, OTTHUMP00000219435 antibody, Protein-serine/threonine kinase antibody, Renal carcinoma antigen NY-REN-55 antibody, Serine/threonine-protein kinase Nek1 antibody, SRPS2 antibody, SRPS2A antibody, SRTD6 antibody

UniProt: [Q96PY6](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.