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Datasheet for ABIN7169089

anti-NEK1 antibody (AA 626-809) (Biotin)

Overview

Quantity:	100 µg
Target:	NEK1
Binding Specificity:	AA 626-809
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK1 antibody is conjugated to Biotin
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 (NEK1 Products)
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.