

Datasheet for ABIN7602376
anti-NEK11 antibody (AA 72-630)



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Overview

Quantity:	100 µg
Target:	NEK11
Binding Specificity:	AA 72-630
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-NEK11 Antibody Picoband®
Immunogen:	E.coli-derived human NEK11 recombinant protein (Position: E72-Q630). Human NEK11 shares 71.1% amino acid (aa) sequence identity with mouse NEK11.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-NEK11 Antibody Picoband® (ABIN7602376). Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NEK11
Alternative Name:	NEK11 (NEK11 Products)
Background:	Synonyms: NEK11, Serine/threonine-protein kinase Nek11, EC 2.7.11.1, Never in mitosis A-related kinase 11, NimA-related protein kinase 11 Background: This gene encodes a member of the never in mitosis gene A family of kinases. The encoded protein localizes to the nucleoli, and may function with NEK2A in the S-phase checkpoint. The encoded protein appears to play roles in DNA replication and response to genotoxic stress. Alternatively spliced transcript variants have been described.
Molecular Weight:	74 kDa
Gene ID:	79858

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat ELISA, 0.1-0.5 µg/mL, Human 1. Noguchi, K., Fukazawa, H., Murakami, Y., Uehara, Y. Nek11, a new member of the NIMA family of kinases, involved in DNA replication and genotoxic stress responses. J. Biol. Chem. 277: 39655-39665, 2002. 2. Noguchi, K., Fukazawa, H., Murakami, Y., Uehara, Y. Nucleolar Nek11 is a novel target of Nek2A in G1/S-arrested cells. J. Biol. Chem. 279: 32716-32727, 2004.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.