

Datasheet for ABIN7468661 **anti-NEK1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NEK1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Nek1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	NEK1
Alternative Name:	NIMA related kinase 1 (NEK1 Products)

Target Details

Background:	Synonyms: NIMA related kinase 1 , ALS24 , NY-REN-55 , SRPS2 , SRPS2A , SRTD6 Background: The protein encoded by this gene is a serine/threonine kinase involved in cell cycle regulation. The encoded protein is found in a centrosomal complex with FEZ1, a neuronal protein that plays a role in axonal development. Defects in this gene are a cause of polycystic kidney disease (PKD). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2010]
-------------	--

Molecular Weight:	143 kDa
-------------------	---------

Gene ID:	4750
----------	------

UniProt:	Q96PY6
----------	------------------------

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
--------------------	--

Comment:	Positive Control: 293T , mouse brain , rat brain Validation: KO/KD, Orthogonal
----------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Concentration:	0.33 mg/mL
----------------	------------

Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
---------	--

Preservative:	ProClin
---------------	---------

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

Storage:	4 °C,-20 °C
----------	-------------

Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
------------------	--