Datasheet for ABIN1882104

anti-NEK6 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	NEK6
Binding Specificity:	AA 8-39, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NEK6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-39 amino acids from the N-terminal region of human NEK6.
Clone:	RB2965
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	NEK6
Alternative Name:	NEK6 (NEK6 Products)

Target Details

Background:	NEK6 is a serine/threonine kinase that controls initiation of mitosis. NEK6 is activated during M phase. It is required for chromosome segregation at metaphase-anaphase transition and therefore for mitotic progression. Inhibition of activity results in apoptosis.
Molecular Weight:	35714
NCBI Accession:	NP_001138473, NP_001159639, NP_001159640, NP_001159641, NP_001159642, NP_001159643, NP_055212
UniProt:	Q9HC98

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Hirakawa, Nakayama, Shibata, Sekine: "Association of cellular localization of glycogen synthase kinase 3beta in the digestive tract with cancer development." in: **Oncology reports**, Vol. 22, Issue 3, pp. 481-5, (2009) (PubMed).

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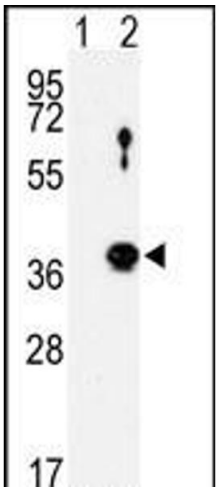

Western Blotting

Image 1. Western blot analysis of NEK6 (arrow) using rabbit polyclonal NEK6 Antibody (N-term) (ABIN1882104 and ABIN2842153). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the NEK6 gene (Lane 2) (Origene Technologies).

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