

NEK7 Antibody

Catalog No: #43407

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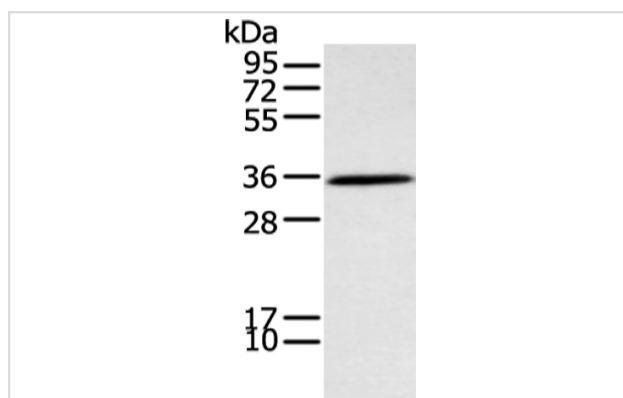
Description

Product Name	NEK7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total NEK7 protein.
Immunogen Description	Synthetic peptide of human NEK7
Target Name	NEK7
Other Names	NEK7; Never in mitosis A-related kinase 7; NIMA (never in mitosis gene a)-related kinase 7; NimA-related protein kinase 7
Accession No.	Swiss-Prot#: Q8TDX7 Gene ID: 140609
Uniprot	Q8TDX7
GeneID	140609;
Calculated MW	35kd
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: Human fetal brain tissue
Primary antibody: 1/200 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes

Background

NIMA-related kinases share high amino acid sequence identity with the gene product of the *Aspergillus nidulans* 'never in mitosis A' gene, which controls initiation of mitosis. Protein kinase which plays an important role in mitotic cell cycle progression. Required for microtubule nucleation activity

of the centrosome, robust mitotic spindle formation and cytokinesis. Phosphorylates RPS6KB1.

Note: This product is for in vitro research use only