

For Research Use Only

# NEK11 Polyclonal antibody

Catalog Number: 12710-1-AP



## Basic Information

Catalog Number:

12710-1-AP

Size:

170 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3392

GenBank Accession Number:

BC028587

GeneID (NCBI):

79858

UNIPROT ID:

Q8NG66

Full Name:

NIMA (never in mitosis gene a)-related kinase 11

Calculated MW:

54 kDa, 74 kDa

Observed MW:

54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells,

## Background Information

NEK11(Serine/threonine-protein kinase) belongs to the NIMA family of kinases, which are involved in DNA replication and genotoxic stress responses. It controls degradation of CDC25A by directly phosphorylating it on residues whose phosphorylation is required for BTRC-mediated polyubiquitination and degradation. It has 4 isoforms produced by alternative splicing.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

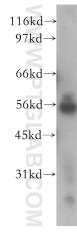
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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 12710-1-AP (NEK11 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.