

For Research Use Only

# NEK11 Polyclonal antibody

Catalog Number: 12710-1-AP



## Basic Information

<b>Catalog Number:</b> 12710-1-AP	<b>GenBank Accession Number:</b> BC028587	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 170 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 79858	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NG66	
<b>Isotype:</b> IgG	<b>Full Name:</b> NIMA (never in mitosis gene a)-related kinase 11	
<b>Immunogen Catalog Number:</b> AG3392	<b>Calculated MW:</b> 54 kDa, 74 kDa	
	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells,
<b>Species Specificity:</b> human, mouse, rat	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

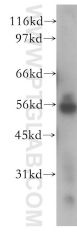
For technical support and original validation data for this product please contact:

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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.