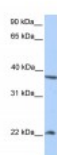




## NEK7 Antibody

CATALOG NUMBER: 26-368



Antibody used in WB on Human HepG2 at  
0.2-1 ug/ml.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	NEK7 antibody can be used for detection of NEK7 by ELISA at 1:1562500. NEK7 antibody can be used for detection of NEK7 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1211 - HepG2 Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	34 kDa
<b>IMMUNOGEN:</b>	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NEK7.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Antibody is purified by peptide affinity chromatography method.
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	For short periods of storage (days) store at 4°C. For longer periods of storage, store NEK7 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	NEK7,
<b>ACCESSION NO.:</b>	NP_598001
<b>PROTEIN GI NO.:</b>	19424132

**OFFICIAL SYMBOL:** NEK7

**GENE ID:** 140609

### Background

**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. 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.

**REFERENCES:** 1) Kim, S., (2007) *Biochem. Biophys. Res. Commun.* 360 (1), 56-62.

**FOR RESEARCH USE ONLY**

December 12, 2016