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Datasheet for ABIN1535334  
**anti-NEK7 antibody (AA 101-150)**

2 Images

Overview

Quantity:	100 µL
Target:	NEK7
Binding Specificity:	AA 101-150
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human NEK7.
Isotype:	IgG
Specificity:	NEK7 Antibody detects endogenous levels of total NEK7 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	NEK7
Alternative Name:	NEK7 ( <a href="#">NEK7 Products</a> )
Background:	Synonyms: Serine/threonine-protein kinase Nek7, NimA-related protein kinase 7, NEK7

## Target Details

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NCBI Gene Symbol: [NEK7](#)

Molecular Weight: 34 kDa

Gene ID: 140609

OMIM: 606848

UniProt: [Q8TDX7](#)

Pathways: [Inflammasome](#)

## Application Details

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Application Notes: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000

Comment: Unigene-Number: Hs.24119, Hs.723303 (NCBI Gene Symbol: NEK7)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

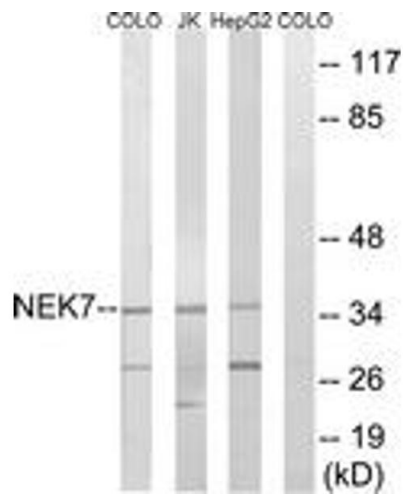
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

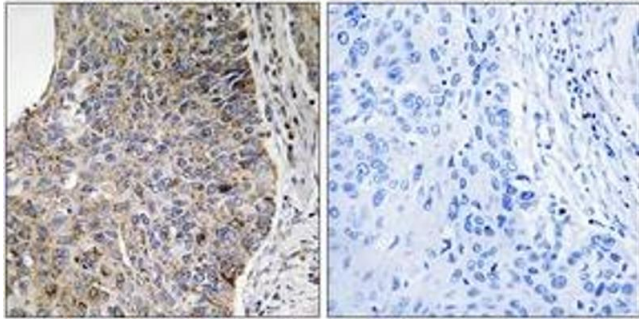
Storage Comment: Stable at -20°C for at least 1 year.

Expiry Date: 12 months



### Western Blotting

**Image 1.** Western blot analysis of extracts from HepG2/Jurkat/COLO cells, using NEK7 Antibody. The lane on the right is treated with the synthesized peptide.



### Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using NEK7 Antibody. The picture on the right is treated with the synthesized peptide.