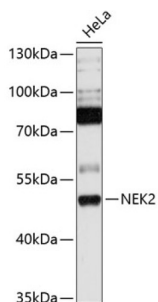
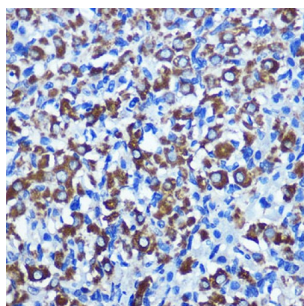


## Serine, Threonine-Protein Kinase Nek2 (NEK2) Antibody

Catalogue No.: abx004096



Western blot analysis of extracts of HeLa cells using NEK2 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded rat ovary using NEK2 Antibody (1/100 dilution, 40x lens). Microwave antigen retrieval was performed in 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

NEK2 Antibody is a Rabbit Polyclonal antibody against NEK2. This gene encodes a serine/threonine-protein kinase that is involved in mitotic regulation. This protein is localized to the centrosome, and undetectable during G1 phase, but accumulates progressively throughout the S phase, reaching maximal levels in late G2 phase. Alternatively spliced transcript variants encoding different isoforms with distinct C-termini have been noted for this gene.

**Target:** Serine, Threonine-Protein Kinase Nek2 (NEK2)

**Clonality:** Polyclonal

**Reactivity:** Human, Rat

**Tested Applications:** WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** A synthetic peptide corresponding to human NEK2

**Isotype:** IgG

**Form:** Liquid

# Datasheet

Version: 4.0.0  
Revision date: 02 Aug 2025



<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P51955 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	NEK2
<b>GeneID:</b>	<a href="#">4751</a>
<b>NCBI Accession:</b>	NP_001191112.1
<b>KEGG:</b>	hsa:4751
<b>String:</b>	<a href="#">9606.ENSP00000355966</a>
<b>Molecular Weight:</b>	Calculated MW: 37 kDa/44 kDa/50 kDa/51 kDa Observed MW: 52 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.
<b>Concentration:</b>	1 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.