

Nek1 antibody

Cat. No. GTX130828

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IP
Reactivity	Human, Mouse

Reference (1)

★★★★★ Review (3)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IP	Assay dependent

Not tested in other applications.

Calculated MW	143 kDa. (Note)
Observed MW	180 kDa. The observed M.W. is based on the following publication. PMID: 16603261

PROPERTIES

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.33 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Nek1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



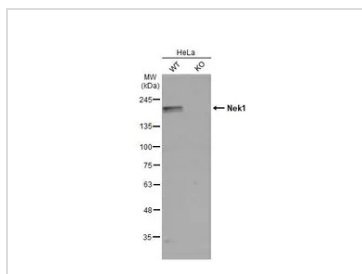
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

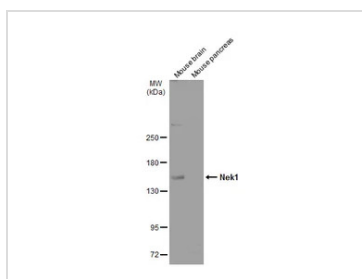
DATA IMAGES



GTX130828 WB Image

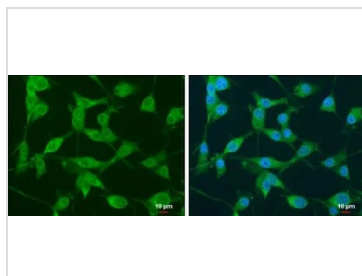
Wild-type (WT) and NEK1 knockout (KO) HeLa cell extracts (100 µg) were separated by gradient gel% SDS-PAGE, and the membrane was blotted with Nek1 antibody (GTX130828) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

Data provided by YCharOS Inc., an open science company with the mission of characterizing commercially available antibody reagents for all human proteins using knockout technology.



GTX130828 WB Image

Various tissue extracts (50 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with Nek1 antibody (GTX130828) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX130828 ICC/IF Image

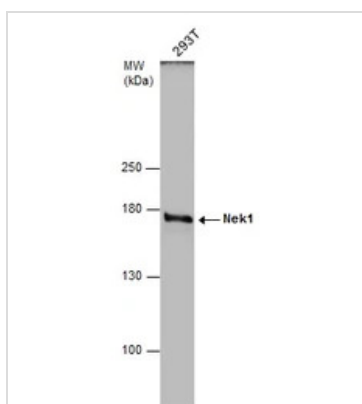
Nek1 antibody detects Nek1 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: U87-MG cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Nek1 protein stained by Nek1 antibody (GTX130828) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 µm.



GTX130828 WB Image

Whole cell extract (30 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with Nek1 antibody (GTX130828) diluted at 1:1000.

The observed M.W. is based on the publication: [PMID: 16603261](https://pubmed.ncbi.nlm.nih.gov/16603261/)



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