

NEK4 antibody [N2C1], Internal

Cat. No. GTX102826

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human

Package
100 µl, 25 µl

Applications

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
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 95 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
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	0.37 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human NEK4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

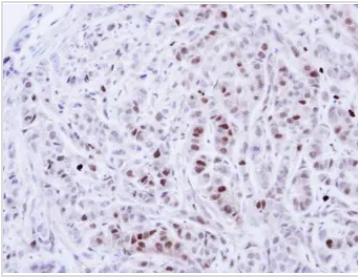
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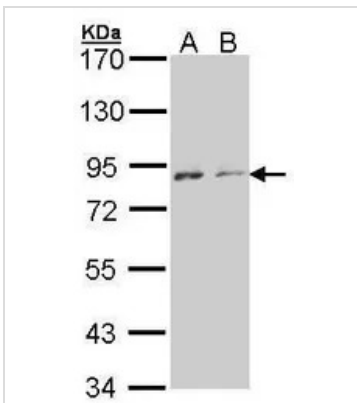
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DATA IMAGES

GTx102826 IHC-P Image

Immunohistochemical analysis of paraffin-embedded A549 Xenograft, using NEK4(GTx102826) antibody at 1:100 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx102826 WB Image

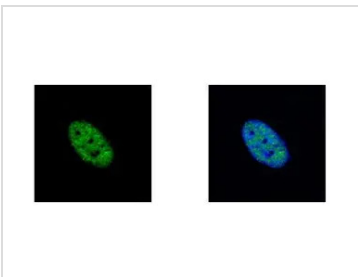
Sample (30 ug of whole cell lysate)

A: A431 (GTx27909)

B: H1299

7.5% SDS PAGE

GTx102826 diluted at 1:1000


GTx102826 ICC/IF Image

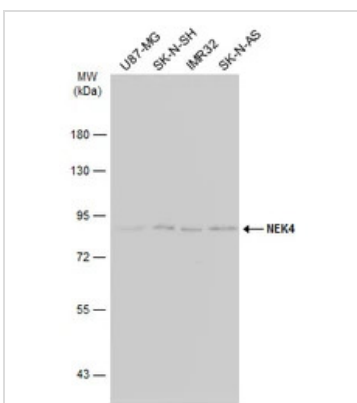
NEK4 antibody [N2C1], Internal detects NEK4 protein at nucleus by confocal immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 15 min.

Green: NEK4 protein stained by NEK4 antibody [N2C1], Internal (GTx102826) diluted at 1:500.

Blue: Hoechst 33343 staining.

[Images captured by Olympus FV10i Confocal Laser Scanning Microscope]


GTx102826 WB Image

Various whole cell extracts (30 μ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with NEK4 antibody [N2C1], Internal (GTx102826) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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