

NEK2 antibody

Cat. No. GTX118735

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 52 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 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	1.47 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein corresponding to human NEK2.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

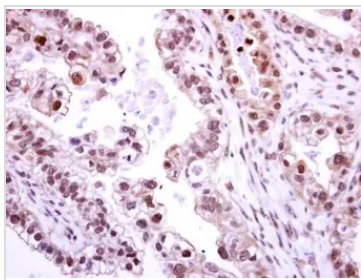
Note

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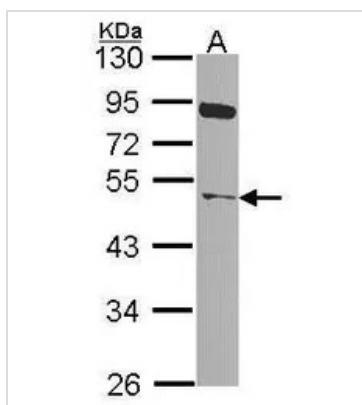
DATA IMAGES

GTKX118735 IHC-P Image

NEK2 antibody detects NEK2 protein at cytoplasm and nucleus on human ovarian carcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human ovarian carcinoma.

NEK2 antibody (GTKX118735) diluted at 1:250.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min

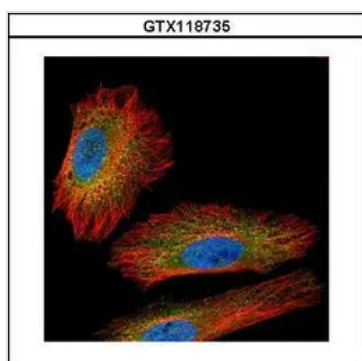

GTKX118735 WB Image

Sample (30 ug of whole cell lysate)

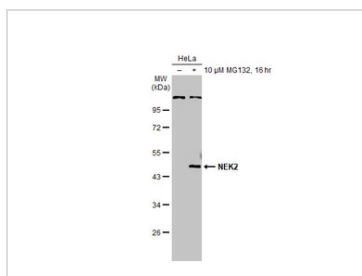
A: 293T

10% SDS PAGE

GTKX118735 diluted at 1:1000


GTKX118735 ICC/IF Image

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using NEK2(GTKX118735) antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with GTKX11304 (Red) at 1:2000.


GTKX118735 WB Image

Untreated (-) and treated (+) HeLa whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with NEK2 antibody (GTKX118735) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTKX213110-01) was used to detect the primary antibody.



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