

TNIK antibody

Cat. No. GTX13141

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

References (9)

Package

25 µl

Applications

Application Note

Suggested starting dilutions are as follows: WB: 1:1000-1:10000, IHC-P: 1:100-1:1000, ICC/IF: 1:100-1:1000. Not yet tested in other applications. Optimal working dilutions should be determined experimentally by the end user.

Calculated MW 155 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS
Preservative	0.01% Sodium azide
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide (unfortunately, the amino acid sequence is considered to be commercially sensitive)
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

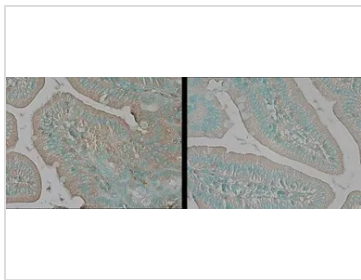
Note

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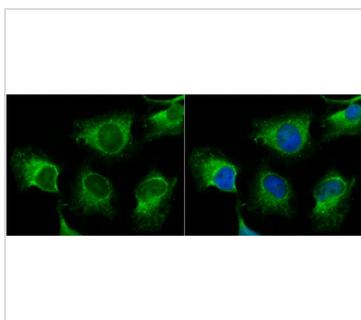
DATA IMAGES

GTX13141 IHC-P Image

TNIK antibody detects TNIK protein at cytosol on Mouse small intestine by immunohistochemical analysis.

Sample: Paraffin-embedded Mouse small intestine

TNIK antibody (GTX13141) dilution: 1:100

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


GTX13141 ICC/IF Image

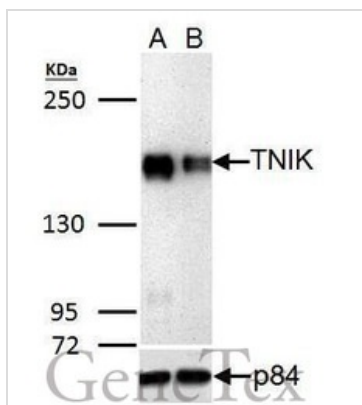
TNIK antibody detects TNIK protein at cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: TNIK protein stained by TNIK antibody (GTX13141) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [B-5-1-2] (GTX11304) diluted at 1:10000.

Blue: Hoechst 33342 staining.


GTX13141 WB Image

TNIK antibody validation by shRNA knock-down

Upper panel: TNIK antibody (GTX13141)

Lower panel: p84 antibody(GTX70220)

A. 30 µg 293T whole cell lysate/extract

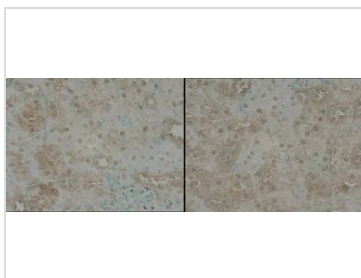
B. 30 µg whole cell lysate/extract of TNIK shRNA-transfected 293T cells

5% SDS-PAGE

TNIK antibody (GTX13141) dilution: 1:5000

p84 antibody(GTX70220) dilution: 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX13141 IHC-P Image

TNIK antibody detects TNIK protein at cytosol on Mouse Kidney by immunohistochemical analysis.

Sample: Paraffin-embedded Mouse Kidney

TNIK antibody (GTX13141) dilution: 1:100

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



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