

TKTL1 antibody [N1C1]

Cat. No. GTX109459

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

References (4)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 65 kDa. ([Note](#))**Product Note** Based on internal testing result, this antibody may cross react with human TKTL2 protein.

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	0.98 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human TKTL1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

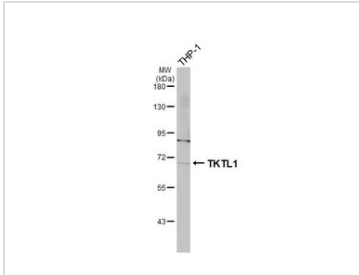


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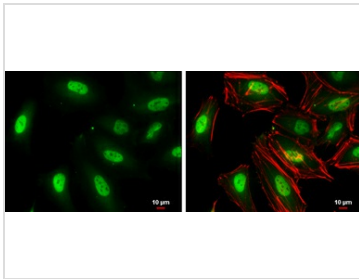
Note
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DATA IMAGES



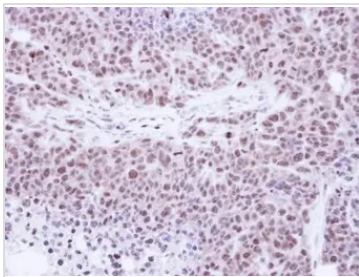
GTK109459 WB Image

Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with TKTL1 antibody [N1C1] (GTK109459) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTK213110-01) was used to detect the primary antibody.



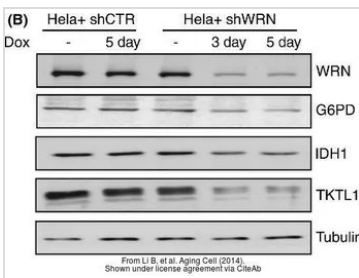
GTK109459 ICC/IF Image

TKTL1 antibody [N1C1] detects TKTL1 protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: TKTL1 protein stained by TKTL1 antibody [N1C1] (GTK109459) diluted at 1:500. Red: Phalloidin, a cytoskeleton marker, diluted at 1:100. Scale bar = 10 µm.



GTK109459 IHC-P Image

Immunohistochemical analysis of paraffin-embedded SAS xenograft , using Transketolase-like protein 1(GTK109459) antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTK109459 WB Image

The data was published in the journal Aging Cell in 2014. [PMID: 24757718](https://pubmed.ncbi.nlm.nih.gov/24757718/)



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