

TDG antibody

Cat. No. GTX110473

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

References (8)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:5000-1:20000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 46 kDa. ([Note](#))

Properties

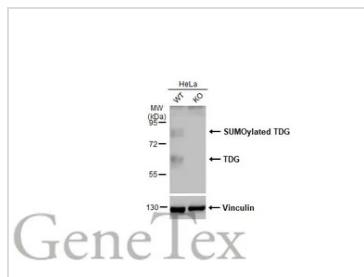
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human TDG. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
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.



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Date 2026 / 02 / 10 Page 1 of 2

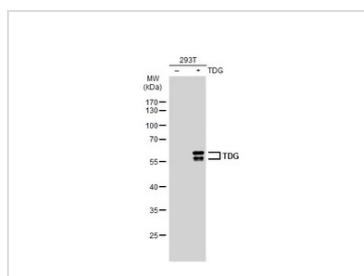
DATA IMAGES



GTX110473 WB Image

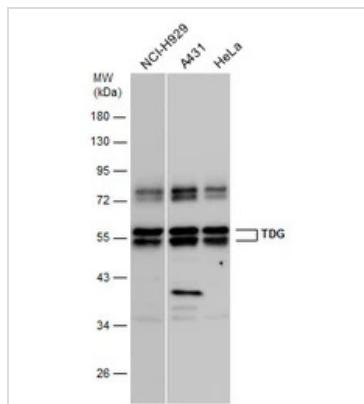
Wild-type (WT) and TDG knockout (KO) HeLa cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with TDG antibody (GTX110473) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

The observed M.W. is based on the publication: PMID: 26917720



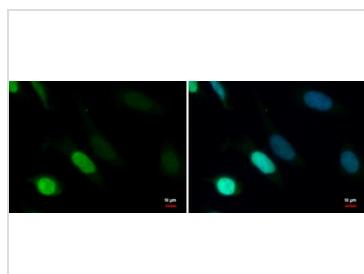
GTX110473 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with TDG antibody (GTX110473) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX110473 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with TDG antibody (GTX110473) diluted at 1:500.



GTX110473 ICC/IF Image

TDG antibody detects TDG protein at nucleus by immunofluorescent analysis.

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

Green: TDG protein stained by TDG antibody (GTX110473) diluted at 1:1000.

Blue: Hoechst 33342 staining.



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Date 2026 / 02 / 10 Page 2 of 2