

TDP43 antibody

Cat. No. GTx114210

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP, ChIP-seq, RIP
Reactivity	Human, Mouse, Rat

References (7)

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
IP	1:100-1:1000
ChIP-seq	Assay dependent
RIP	Assay dependent

Note : target validated by Mass Spectrometry

Not tested in other applications.

Calculated MW 45 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	0.63 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human TDP43. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



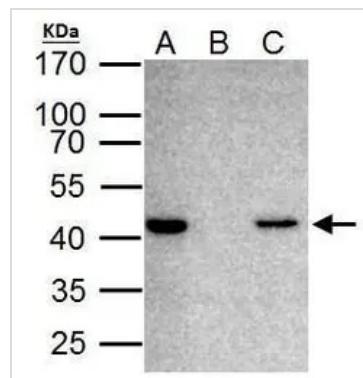
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Date 2026 / 02 / 22 Page 1 of 2

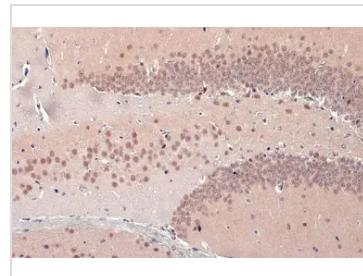
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Note

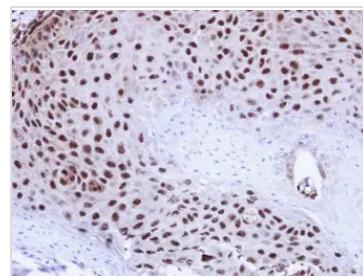
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DATA IMAGES**GTX114210 IP Image**

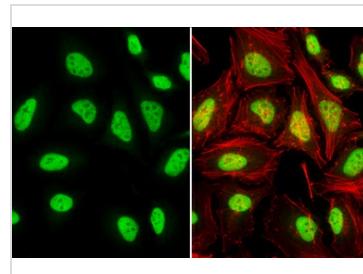
TARDBP antibody immunoprecipitates TARDBP protein in IP experiments. IP Sample: HeLa whole cell lysate/extract A. 40 µg HeLa whole cell lysate/extract B. Control with 2 µg of preimmune rabbit IgG C. Immunoprecipitation of TARDBP protein by 2 µg of TARDBP antibody (GTX114210) 12% SDS-PAGE The immunoprecipitated TARDBP protein was detected by TARDBP antibody (GTX114210) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.

**GTX114210 IHC-P Image**

TDP43 antibody detects TDP43 protein at nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. TDP43 stained by TDP43 antibody (GTX114210) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTX114210 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded Cal27 Xenograft, using TDP-43(GTX114210) antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min

**GTX114210 ICC/IF Image**

TDP43 antibody detects TDP43 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: TDP43 stained by TDP43 antibody (GTX114210) diluted at 1:2000. Red: phalloidin, a cytoskeleton marker, diluted at 1:200.



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Date 2026 / 02 / 22 Page 2 of 2