

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: Assess to all ideated by Mary Construction		

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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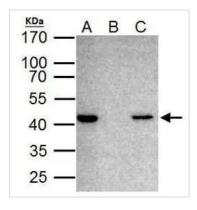


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

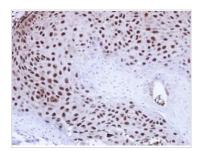
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DATA IMAGES



GTX114210 IP Image

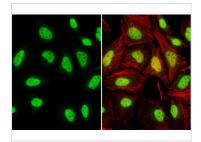
TARDBP antibody immunoprecipitates TARDBP protein in IP experiments. IP Sample: HeLa whole cell lysate/extract A. 40 μ g HeLa whole cell lysate/extract B. Control with 2 μ g of preimmune rabbit lgG C. Immunoprecipitation of TARDBP protein by 2 μ g of TARDBP antibody (GTX114210) 12% SDS-PAGE The immunoprecipitated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



GTX114210 IHC-P Image

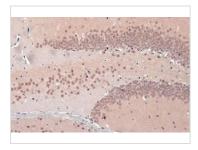
Immunohistochemical analysis of paraffin-embedded Cal27 Xenograft, using TDP-43(GTX114210) antibody at 1:100 dilution.

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.



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



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