

TDP43 antibody [GT733]

Cat. No. GTX630197

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse, Rat

References (1)

 Review (3)

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	Assay dependent

Not tested in other applications.

Calculated MW 45 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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 TDP43. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



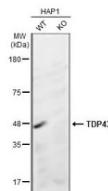
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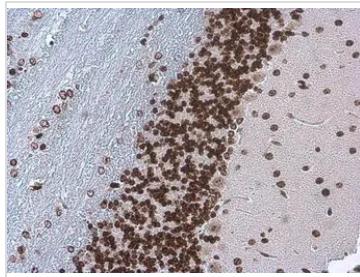
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DATA IMAGES**GTx630197 WB Image**

Wild-type (WT) and TARDBP knockout (KO) HAP1 cell extracts (50 μ g) were separated by gradient gel% SDS-PAGE, and the membrane was blotted with TDP43 antibody [GT733] (GTx630197) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.

Data provided by YCharOS Inc., an open science company with the mission of characterizing commercially available antibody reagents for all human proteins using knockout technology.

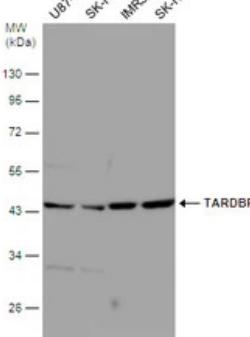
**GTx630197 IHC-P Image**

TDP43 antibody [GT733] detects TDP43 protein at nucleus in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

TDP43 antibody [GT733] (GTx630197) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

**GTx630197 WB Image**

Various whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with TARDBP antibody [GT733] (GTx630197) diluted at 1:1000. The signal was developed with Trident ECL plus-Enhanced.



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