

## TDP43 antibody [GT6310]

Cat. No. GTX633973

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, IHC-P, IHC-Fr
Reactivity	Human, Mouse, Rat

Package  
100 µl, 25 µl

## APPLICATION

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000

Not tested in other applications.

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

## PROPERTIES

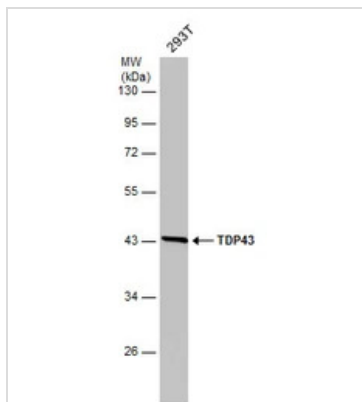
Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (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 A.
Conjugation	Unconjugated

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

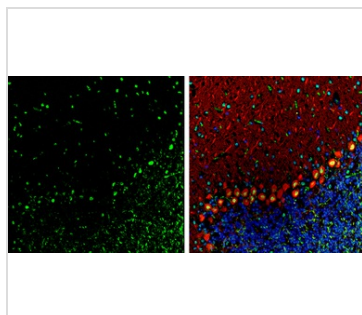
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**DATA IMAGES**

**GTX633973 WB Image**

Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with TDP43 antibody [GT6310] (GTX633973) diluted at 1:5000.


**GTX633973 IHC-Fr Image**

TDP43 antibody [GT6310] detects TDP43 Protein expression by immunohistochemical analysis.

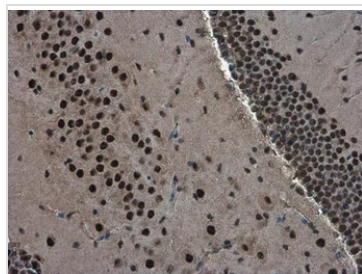
Sample: Frozen-sectioned adult mouse cerebellum.

Green: TDP43 stained by TDP43 antibody [GT6310] (GTX633973) diluted at 1:250.

Red: Calbindin, stained by Calbindin antibody (GTX130856) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 5 min

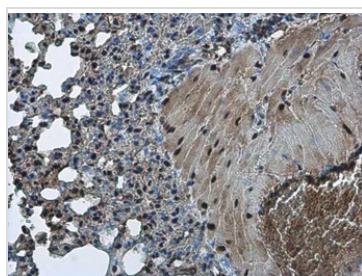

**GTX633973 IHC-P Image**

TDP43 antibody [GT6310] detects TDP43 protein at nucleus in mouse brain by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brain.

TDP43 antibody [GT6310] (GTX633973) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX633973 IHC-P Image**

TDP43 antibody [GT6310] detects TDP43 protein at nucleus in mouse lung by immunohistochemical analysis.

Sample: Paraffin-embedded mouse lung.

TDP43 antibody [GT6310] (GTX633973) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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