

Product Name: TDP 43 Rabbit Monoclonal Antibody
Catalog #: AMRe02677



Summary

Production Name	TDP 43 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	TARDBP
Alternative Names	ALS10; TDP-43
Gene ID	23435
SwissProt ID	Q13148.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 45 kDa; Observed MW: 45 kDa

Background

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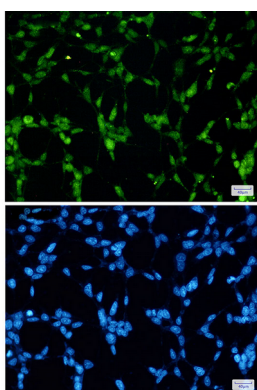


TDP43 (TAR DNA-binding protein 43) is involved in transcriptional regulation and exon splicing. While normal TDP43 is a nuclear protein, pathological TDP43 is a component of insoluble aggregates in patients with frontotemporal lobar degeneration (FTLD) and amyotrophic lateral sclerosis (ALS).

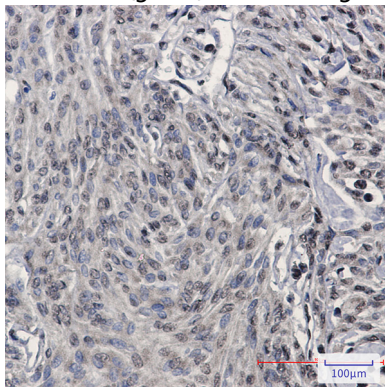
Research Area

Microbiology

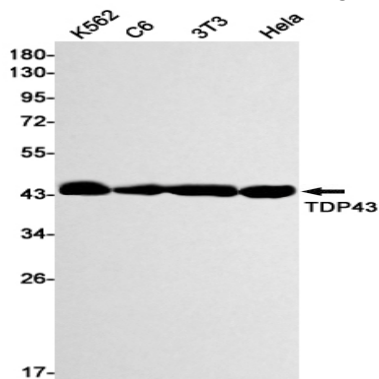
Image Data



Immunocytochemistry analysis of TDP 43 (green) in 293t using TDP 43 antibody, and DAPI (blue).



Immunohistochemistry analysis of paraffin-embedded Human brain using TDP 43 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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Western blot analysis of TDP43 in K562, C6, 3T3, Hela lysates using TDP43 antibody

Note

For research use only.