

# TDP-43/TARDBP Rabbit pAb

Catalog No.: A1183

1 Publications

## Basic Information

### Observed MW

42kDa

### Calculated MW

45kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IP, ELISA, RIP

### Cross-Reactivity

Human, Mouse, Rat

## Background

HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
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<b>IHC-P</b>	1:50 - 1:200
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<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
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<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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<b>RIP</b>	1:20 - 1:50
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## Immunogen Information

### Gene ID

23435

### Swiss Prot

Q13148

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human TDP-43/TARDBP (NP\_031401.1).

### Synonyms

ALS10; TDP-43; TDP-43/TARDBP

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

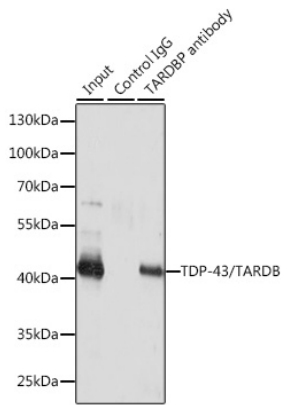
## Contact

		400-999-6126
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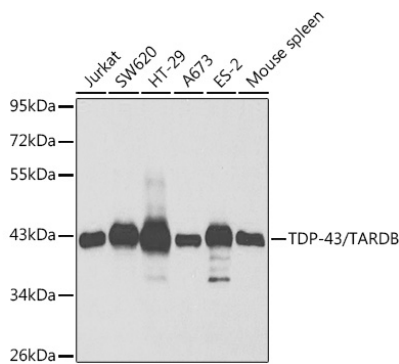
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		<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>
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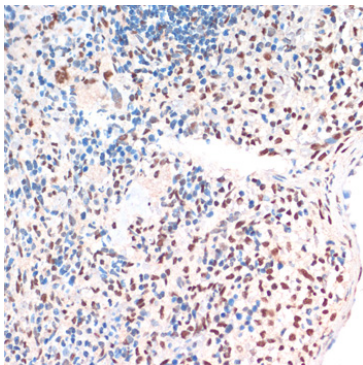
## Validation Data



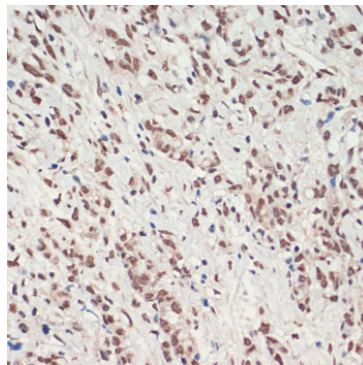
Immunoprecipitation analysis of 200 µg extracts of SW620 cells using 3 µg TDP-43/TARDB antibody (A1183). Western blot was performed from the immunoprecipitate using TDP-43/TARDB antibody (A1183) at a dilution of 1:500.



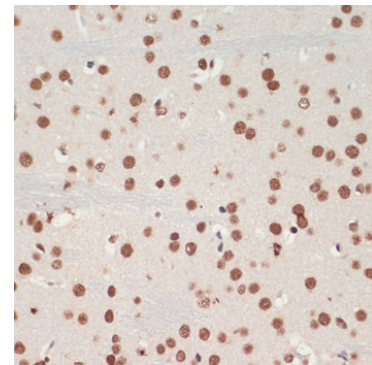
Western blot analysis of various lysates using TDP-43/TARDB Rabbit pAb (A1183) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using TDP-43/TARDB Rabbit pAb (A1183) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using TDP-43/TARDB Rabbit pAb (A1183) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using TDP-43/TARDB Rabbit pAb (A1183) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.