

A1183

Leader in Biomolecular Solutions for Life Science



# TDP-43/TARDBP Rabbit pAb

Catalog No.: A1183

1 Publications

## Basic Information

### Observed MW

42kDa

### Calculated MW

45kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IP,RIP,ELISA

### 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

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for  
200µg-400µg extracts  
of whole cellsELISA Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

RIP 1:20 - 1:50

## Contact

[www.abclonal.com](http://www.abclonal.com)

## 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

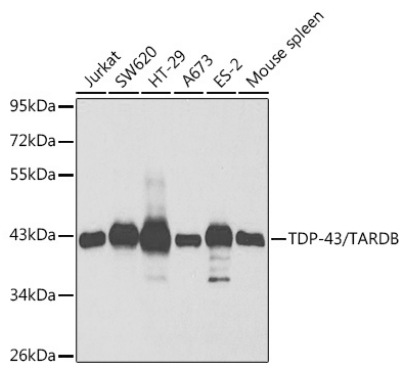
Affinity purification

### Storage

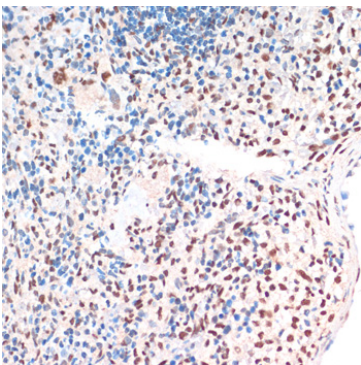
Store at -20°C. Avoid freeze / thaw cycles.

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

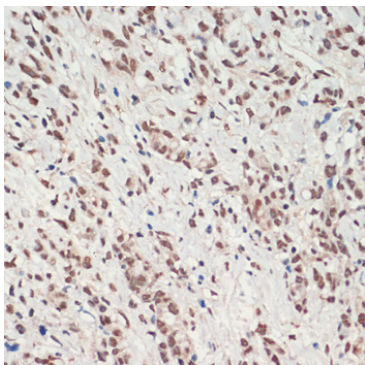
Validation Data



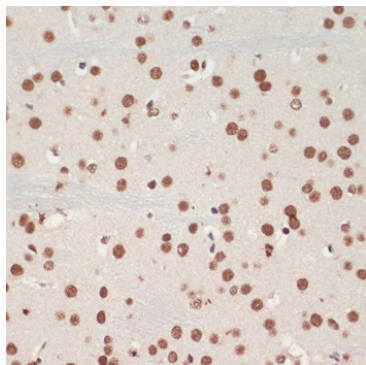
Western blot analysis of various lysates using TDP-43/TARDB Rabbit pAb (A1183) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.



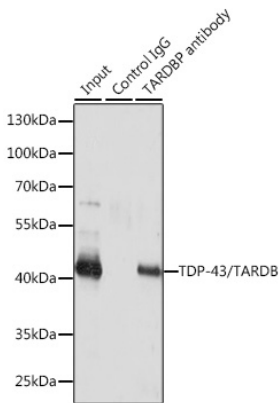
Immunohistochemistry analysis of paraffin-embedded Rat spleen using TDP-43/TARDB Rabbit pAb (A1183) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



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.



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.