

# TDP-43/TARDBP Rabbit pAb

Catalog No.: A1183 **1 Publications**

## Basic Information

**Observed MW**

42kDa

**Calculated MW**

45kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IP, RIP

**Cross-Reactivity**

Human, Mouse

## 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   |
| <b>IP</b>  | 0.5µg-4µg antibody for<br>200µg-400µg extracts of<br>whole cells |
| <b>RIP</b> | 1:20 - 1:50  |

## Immunogen Information

|                |                   |
|----------------|-------------------|
| <b>Gene ID</b> | <b>Swiss Prot</b> |
| 23435          | 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

## Contact

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

## Product Information

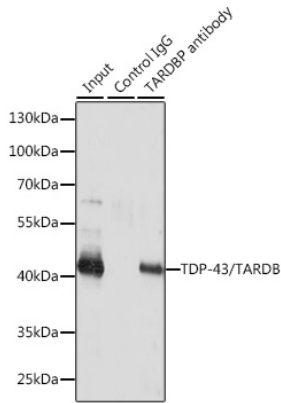
|               |                |                       |
|---------------|----------------|-----------------------|
| <b>Source</b> | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit        | IgG            | Affinity purification |

**Storage**

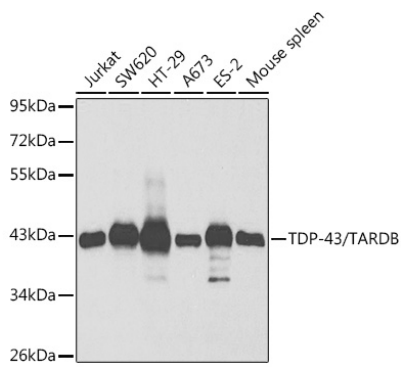
Store at -20°C. Avoid freeze / thaw cycles.

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

## 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 Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.