

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

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

Contact

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Immunogen Information

Gene ID

23435

Swiss Prot

Q13148

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ALS10; TDP-43; TDP-43/TARDBP

Product Information

Source

Rabbit

Isotype

IgG

Purification

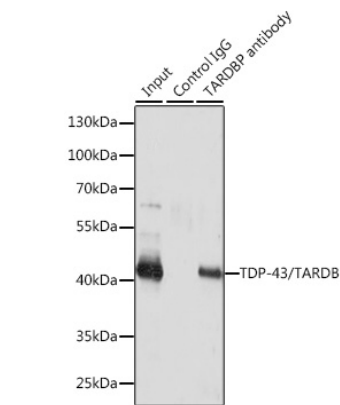
Affinity purification

Storage

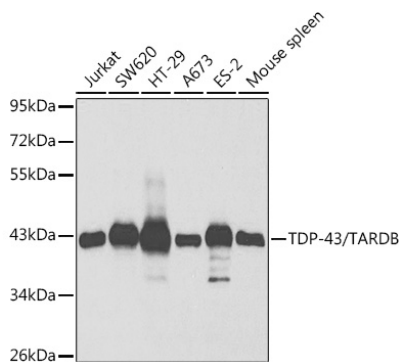
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

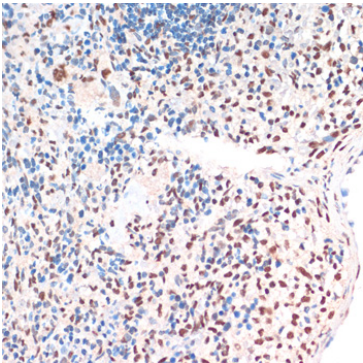
Validation Data



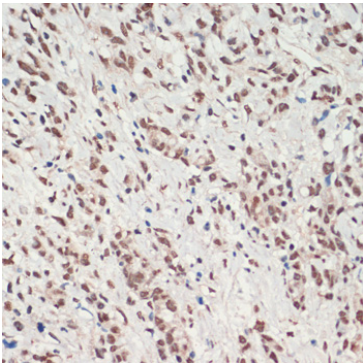
Immunoprecipitation analysis of 200 µg extracts of SW620 cells using 3 µg TDP-43/TARDB antibody (A1183). Western blot was performed from the immunoprecipitate using TDP-43/TARDB antibody (A1183) at a dilution of 1:500.



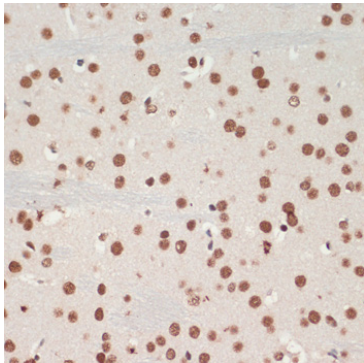
Western blot analysis of various lysates using TDP-43/TARDB Rabbit pAb (A1183) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



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.