

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

WB 1:500 - 1:2000**IP** 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells**RIP** 1:20 - 1:50

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

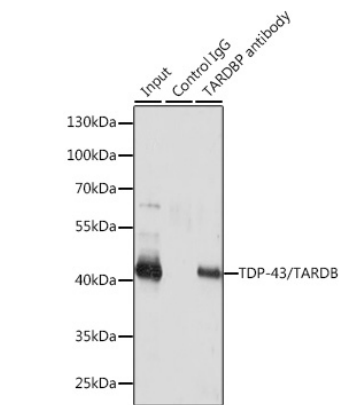
Affinity purification

Storage

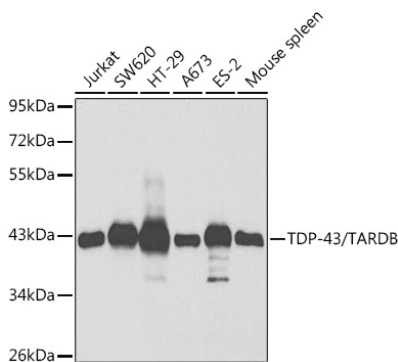
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



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.