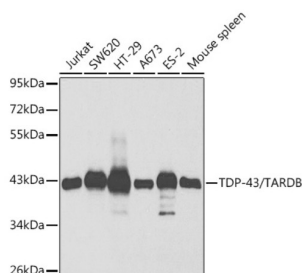
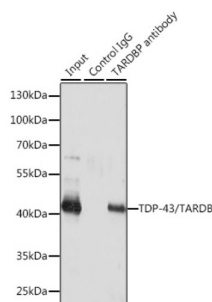


TAR DNA-Binding Protein 43 / TDP43 (TARDBP) Antibody

Catalogue No.: abx001097



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



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

TARDBP Antibody is a Rabbit Polyclonal antibody against TARDBP. 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.

Target: TAR DNA-Binding Protein 43 / TDP43 (TARDBP)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC, IP

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells, RIP: 1/20 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant protein corresponding to TARDBP. The exact sequence is proprietary.

Datasheet

Version: 8.0.0
Revision date: 30 Jul 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q13148 (UniProt , ExPASy)
Gene Symbol:	TARDBP
GeneID:	23435
NCBI Accession:	NP_031401.1
KEGG:	hsa:23435
String:	9606.ENSP00000240185
Molecular Weight:	Calculated MW: 45 kDa Observed MW: 42 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.