

Rabbit TARDBP Polyclonal Antibody | anti-TARDBP antibody

TARDBP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302029	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

TARDBP; Polyclonal Antibody; TARDBP Antibody; ALS10; TDP-43; Tdp43; TDP43; anti-TARDBP antibody

PRODUCT SPECIFICATIONS

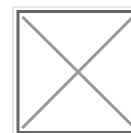
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TARDBP protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	414
Applicable Applications for anti-TARDBP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TARDBP.
Target Name	TARDBP
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using TARDBP antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain lung using TARDBP antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TARDBP antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TARDBP antibody	TDP43 (TAR DNA-binding protein 43) is involved in transcriptional regulation and exon splicing (1,2). While normal TDP43 is a nuclear protein, pathological TDP43 is a component of insoluble aggregates in patients with frontotemporal lobar degeneration (FTLD) and amyotrophic lateral sclerosis (ALS). In these disorders, TDP43 is abnormally ubiquitinated, phosphorylated and cleaved to generate carboxy-terminal fragments that are sequestered as insoluble aggregates in neuronal nuclei, perikarya, and neurites (3,4). Additionally, TDP43 inhibits the expression of the HIV-1 gene and regulates CFTR gene splicing (1,5).
Product Categories/Family for anti-TARDBP antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678271
NCBI GeneID	23435
NCBI Accession #	NP_031401.1
NCBI GenBank Nucleotide #	NM_007375.3
UniProt Accession #	Q13148; Q53H27; Q6FI92; Q96DJ0; A4GUK4; A4GUK5; A4GUK6; B2R629; B4DJ45; E2PU12
Molecular Weight	31,808 Da
NCBI Official Full Name	TAR DNA-binding protein 43
NCBI Official Synonym Full Names	TAR DNA binding protein
NCBI Official Symbol	TARDBP
NCBI Official Synonym Symbols	ALS10; TDP-43
NCBI Protein Information	TAR DNA-binding protein 43
UniProt Protein Name	TAR DNA-binding protein 43
UniProt Gene Name	TARDBP
UniProt Synonym Gene Names	TDP43; TDP-43
UniProt Entry Name	TADBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tardbp-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/302029>