

Rabbit TARDBP Polyclonal Antibody | anti-TARDBP antibody

TARDBP Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36862	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	414
Applicable Applications for anti-TARDBP antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TARDBP
Calculated Molecular Weight	43kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of SW620 cells using 3ug TARDBP antibody. Western blot was performed from the immunoprecipitate using TARDBP antibody at a dilution of 1:500.



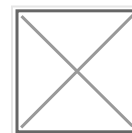
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human endometrium using TARDBP Antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using TARDBP Antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TARDBP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20140568
NCBI GeneID	23435
UniProt Accession #	Q13148; Q53H27; Q6FI92; Q96DJ0; A4GUK4; A4GUK5; A4GUK6; B2R629; B4DJ45; E2PU12
Molecular Weight	414
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; 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-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/36862>