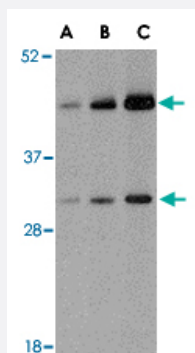


# TARDBP polyclonal antibody

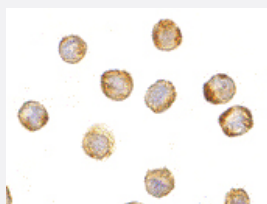
Catalog # PAB13283      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of TARDBP in HeLa cell lysate with TARDBP polyclonal antibody (Cat # PAB13283) at (A) 0.5, (B) 1 and (C) 2 ug/mL .



### Immunocytochemistry

Immunocytochemistry of TARDBP in HeLa cells with TARDBP polyclonal antibody (Cat # PAB13283) at 5 ug/mL .

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of TARDBP .
<b>Immunogen</b>	A synthetic peptide corresponding to 15 amino acids near C-terminus of human TARDBP .
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	At least two isoforms are known to exist for this protein; this TDP43 antibody will recognize both isoforms.
<b>Form</b>	Liquid

<b>Purification</b>	Peptide affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (0.5-2 ug/mL) Immunocytochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.02% sodium azide)
<b>Storage Instruction</b>	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of TARDBP in HeLa cell lysate with TARDBP polyclonal antibody (Cat # PAB13283) at (A) 0.5, (B) 1 and (C) 2 ug/mL .

- Immunocytochemistry

Immunocytochemistry of TARDBP in HeLa cells with TARDBP polyclonal antibody (Cat # PAB13283) at 5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — TARDBP

<b>Entrez GeneID</b>	<a href="#">23435</a>
<b>Protein Accession#</b>	<a href="#">ABO32290</a>
<b>Gene Name</b>	TARDBP
<b>Gene Alias</b>	ALS10, TDP-43
<b>Gene Description</b>	TAR DNA binding protein
<b>Omim ID</b>	<a href="#">605078</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

## Gene Summary

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. [provided by RefSeq]

## Other Designations

OTTHUMP00000002171|TAR DNA-binding protein-43

## Publication Reference

- [Ubiquitinated TDP-43 in frontotemporal lobar degeneration and amyotrophic lateral sclerosis.](#)

Neumann M, Sampathu DM, Kwong LK, Truax AC, Micsenyi MC, Chou TT, Bruce J, Schuck T, Grossman M, Clark CM, McCluskey LF, Miller BL, Masliah E, Mackenzie IR, Feldman H, Feiden W, Kretzschmar HA, Trojanowski JQ, Lee VM.  
Science 2006 Oct; 314(5796):130.

Application: IF, IHC, WB-Ti, Human, Human brain

- [Nuclear factor TDP-43 and SR proteins promote in vitro and in vivo CFTR exon 9 skipping.](#)

Buratti E, Dork T, Zuccato E, Pagani F, Romano M, Baralle FE.  
The EMBO Journal 2001 Apr; 20(7):1774.

Application: IP, WB, Human, HeLa cells

- [Cloning and characterization of a novel cellular protein, TDP-43, that binds to human immunodeficiency virus type 1 TAR DNA sequence motifs.](#)

Ou SH, Wu F, Harrich D, García-Martínez LF, Gaynor RB.  
Journal of Virology 1995 Jun; 69(6):3584.

Application: WB-Ce, Human, HeLa cells

## Disease

- [Alzheimer Disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Chromosome Disorders](#)
- [Dementia](#)
- [Genetic Predisposition to Disease](#)

- [Neurodegenerative Diseases](#)
- [Parkinson disease](#)