

Datasheet for ABIN2854799

**anti-TARDBP antibody**

5 Images

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## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | TARDBP  |
| Reactivity:  | Human   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This TARDBP antibody is un-conjugated   |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant protein encompassing a sequence within the center region of human TDP43. The exact sequence is proprietary. |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse, Rat   |
| Characteristics:  | Rabbit Polyclonal antibody to TARDBP (TAR DNA binding protein)<br>TARDBP antibody                                       |
| Purification:     | Affinity purified by Protein A.   |
| Grade:            | KO Validated  |

## Target Details

|         |        |
|---------|--------|
| Target: | TARDBP |
|---------|--------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | TAR DNA binding protein ( <a href="#">TARDBP Products</a> )   |
| Background:       | <p>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.</p> <p>Cellular Localization: Nucleus</p> |
| Molecular Weight: | 45 kDa  |
| Gene ID:          | 23435   |
| UniProt:          | <a href="#">Q13148</a>  |
| Pathways:         | <a href="#">Positive Regulation of Peptide Hormone Secretion</a>  |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications. |
| Comment:           | <p>Positive Control: H1299 , HeLa , mouse brain</p> <p>Validation: KO/KD</p>  |
| Restrictions:      | For Research Use only   |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | 1XPBS ( pH 7), 20 % Glycerol, 0.01 % Thimerosal  |
| Preservative:      | Thimerosal (Merthiolate)   |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C, -20 °C   |

Handling

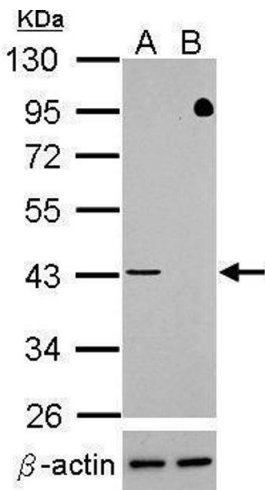
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104252 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



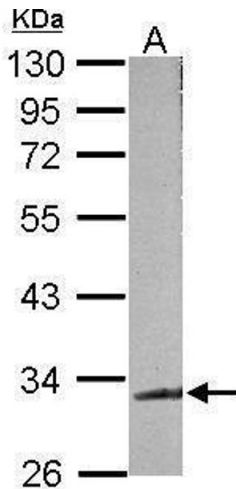
**Immunohistochemistry**

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded rat brain, using TARDBP, antibody at 1:500 dilution.



**Western Blotting**

**Image 2.** WB Image Western blot analysis of TDP-43 (, upper panel) and beta-actin , lower panel) Sample (30 ug of whole cell lysate) A: HeLa mock control B: HeLa transfected shTDP-43 10% SDS PAGE antibody diluted at 1:500



**Western Blotting**

**Image 3.** WB Image Sample (50 ug of whole cell lysate) A: mouse brain 10% SDS PAGE antibody diluted at 1:500

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2854799.