

# TARDBP Rabbit Polyclonal Antibody



CAB0538

## Product Information

### Size:

100uL, 200uL

### Observed MW:

43kDa

### Calculated MW:

31kDa/44kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:100 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

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.

## Immunogen information

### Gene ID:

23435

### Uniprot

Q13148

### Synonyms:

ALS10; TDP-43; TARDBP; TDP43

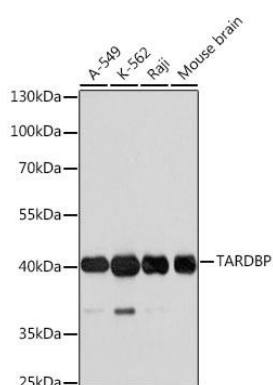
### Immunogen:

A synthetic peptide of human TARDBP

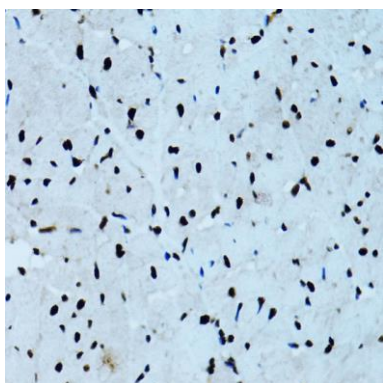
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

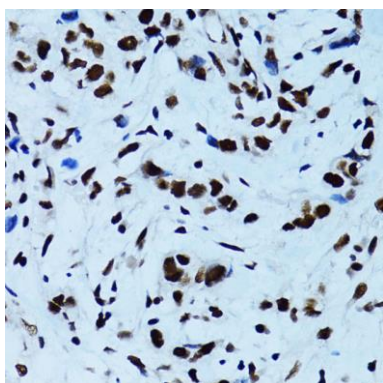
## Product Images



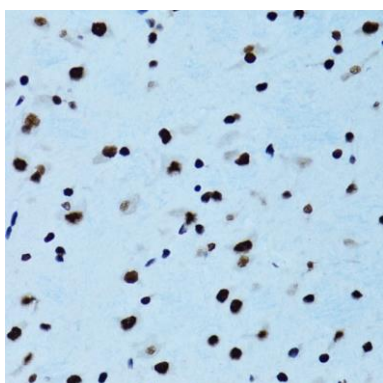
Western blot analysis of extracts of various cell lines, using TARDBP antibody (CAB0538) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded rat heart using TARDBP antibody (CAB0538) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast cancer using TARDBP antibody (CAB0538) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using TARDBP antibody (CAB0538) at dilution of 1:100 (40x lens).