

# Phospho-TDP-43/TARDBP-S409/S410 Rabbit pAb

Catalog No.: AP1241

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

45kDa

### Category

Primary antibody

### Applications

WB,DB,ELISA

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**DB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

23435

### Swiss Prot

Q13148

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

ALS10; TDP-43; Phospho-TDP-43/TARDBP-S409/S410

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

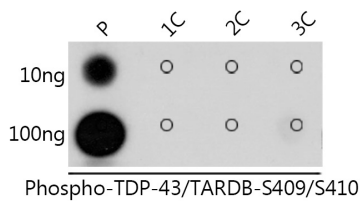
Affinity purification

### Storage

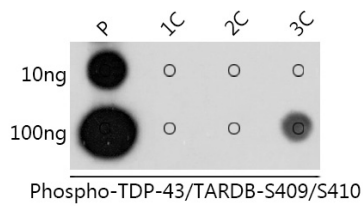
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Dot-blot analysis of all sorts of peptides using Phospho-TDP-43/TARDB-S409/S410 antibody (AP1241) at 1:1000 dilution. Exposure time: 1s.



Dot-blot analysis of all sorts of peptides using Phospho-TDP-43/TARDB-S409/S410 antibody (AP1241) at 1:1000 dilution. Exposure time: 10s.