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Datasheet for ABIN7171508

## anti-TARDBP antibody (AA 1-260)

### 3 Images

#### Overview

Quantity:	100 µL
Target:	TARDBP
Binding Specificity:	AA 1-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TARDBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

#### Product Details

Immunogen:	Recombinant Human TAR DNA-binding protein 43 protein (1-260AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

#### Target Details

Target:	TARDBP
Alternative Name:	TARDBP ( <a href="#">TARDBP Products</a> )
Background:	Background: DNA and RNA-binding protein which regulates transcription and splicing. Involved in the regulation of CFTR splicing. It promotes CFTR exon 9 skipping by binding to the UG

## Target Details

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repeated motifs in the polymorphic region near the 3' splice site of this exon. The resulting aberrant splicing is associated with pathological features typical of cystic fibrosis. May also be involved in microRNA biogenesis, apoptosis and cell division. Can repress HIV-1 transcription by binding to the HIV-1 long terminal repeat. Stabilizes the low molecular weight neurofilament (NFL) mRNA through a direct interaction with the 3' UTR.

Aliases: ALS10 antibody, OTTHUMP00000002171 antibody, OTTHUMP00000002172 antibody, OTTHUMP00000002173 antibody, TADBP\_HUMAN antibody, TAR DNA binding protein 43 antibody, TAR DNA binding protein antibody, TAR DNA-binding protein 43 antibody, TARDBP antibody, TDP 43 antibody, TDP-43 antibody, TDP43 antibody

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UniProt: [Q13148](#)

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Pathways: [Positive Regulation of Peptide Hormone Secretion](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IP:1:200-1:2000,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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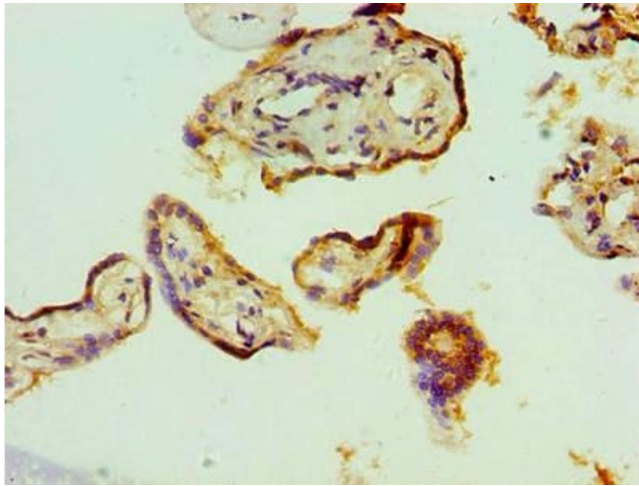
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

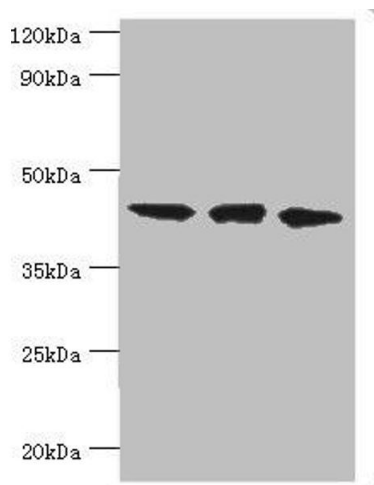
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



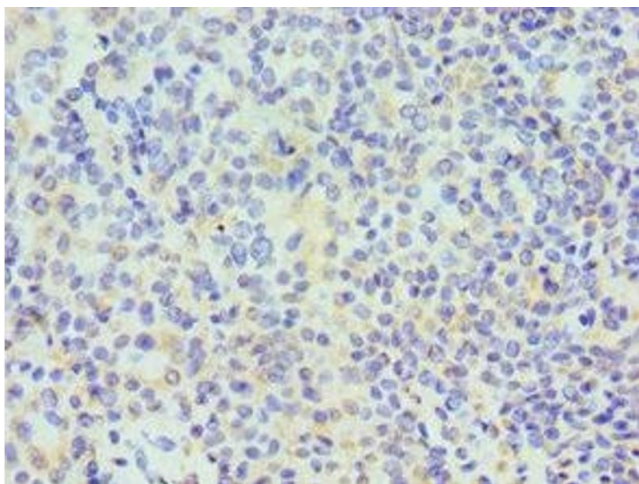
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7171508 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: TAR DNA-binding protein 43 antibody at 8 µg/mL Lane 1: Hela whole cell lysate Lane 2: Mouse spleen tissue Lane: K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 45, 32 kDa Observed band size: 45 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7171508 at dilution of 1:100