

Datasheet for ABIN7270731
anti-TARDBP antibody (AA 1-260)



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4 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), Immunofluorescence (IF)

Product Details

Purpose:	TDP-43/TARDB Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human TDP-43/TARDB (NP_031401.1).
Sequence:	MSEYIRVTED ENDEPIEIPS EDDGTVLLST VTAQFPGACG LRYRNPVSQC MRGVRLVEGI LHAPDAGWGN LVYVVNYPKD NKRKMDETDA SSAVKVKRAV QKTSDLIVLG LPWKTEQDL KEYFSTFGEV LMVQVKKDLK TGHSKGFGEV RFTEYETQVK VMSQRHMIDG RWCDCKLPNS KQSQDEPLRS RKVFVGRCTE DMTDELREF FSQYGDVMDV FIPKPFRAFA FVTFADDQIA QSLCGEDLII KGISVHISNA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: TARDBP

Alternative Name: TARDBP ([TARDBP Products](#))

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.,ALS10,TDP-43,TARDBP,TDP43,Epigenetics & Nuclear Signaling,RNA Binding,Cell Biology & Developmental Biology,Apoptosis,Neuroscience,Neurodegenerative Diseases,Neurodegenerative Diseases Markers,Other Neurological disorders,Amyotrophic lateral sclerosis-ALS,TARDBP

Molecular Weight: 31kDa/44kDa

Gene ID: 23435

UniProt: [Q13148](#)

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

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

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

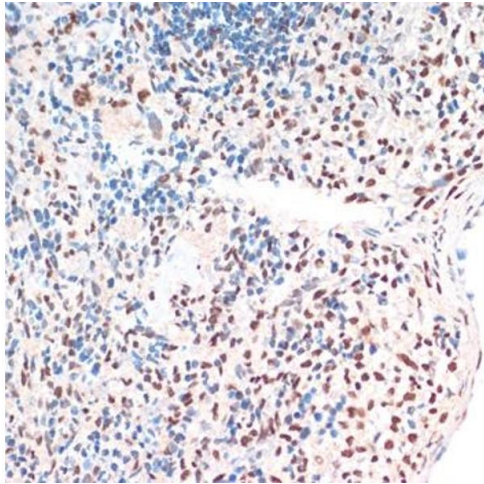
Preservative: Sodium azide

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

Storage: -20 °C

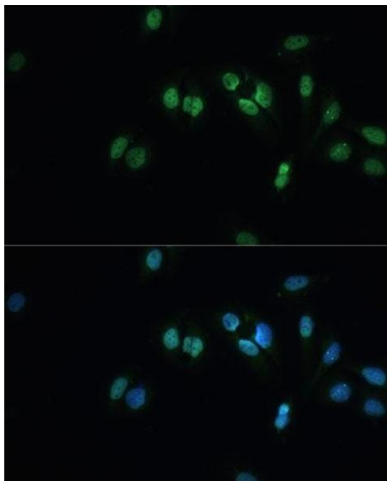
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



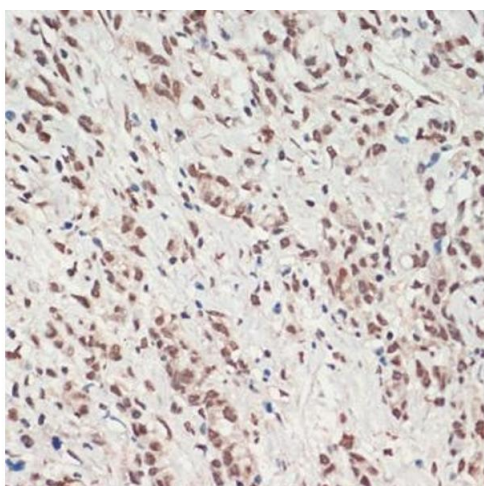
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat spleen using TDP-43/TARDB antibody (ABIN7270731) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence

Image 2. Immunofluorescence analysis of U-2 OS cells using TDP-43/TARDB Polyclonal Antibody (ABIN7270731) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human gastric cancer using TDP-43/TARDB antibody (ABIN7270731) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7270731.