

For Research Use Only

# TDP-43 Polyclonal antibody

Catalog Number: 27841-1-AP

2 Publications



## Basic Information

Catalog Number:

27841-1-AP

Concentration:

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26155

GenBank Accession Number:

BC001487

GeneID (NCBI):

23435

UNIPROT ID:

Q13148

Full Name:

TAR DNA binding protein

Calculated MW:

43 kDa

Observed MW:

37-40 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

ELISA

Cited Applications:

IF

Species Specificity:

Human, Mouse

Cited Species:

human

## Background Information

TDP-43 is a DNA and RNA-binding protein which regulates transcription and splicing. It promotes CFTR exon 9 skipping by binding to the UG 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. TDP-43 can repress HIV-1 transcription by binding to the HIV-1 long terminal repeat and stabilize the low molecular weight neurofilament (NFL) mRNA through a direct interaction with the 3' UTR. Besides, it may also be involved in microRNA biogenesis, apoptosis and cell division. 27841-1-AP is a rabbit polyclonal antibody recognises the 37-40 kDa protein because of the cleaved fragments and posttranslationally modification.

## Notable Publications

Author	Pubmed ID	Journal	Application
Joana Petrescu	40060539	bioRxiv	
Satsuki Mikuriya	40010009	Free Radic Biol Med	IF

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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W: [ptgcn.com](http://ptgcn.com)

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