

For Research Use Only

TDP-43 Polyclonal antibody

Catalog Number: 27841-1-AP



Basic Information

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| Catalog Number: 27841-1-AP | GenBank Accession Number: BC001487 | Purification Method: Antigen affinity purification |
| Size: 150ul | GeneID (NCBI): 23435 | |
| Source: Rabbit | Full Name: TAR DNA binding protein | |
| Isotype: IgG | Calculated MW: 43 kDa | |
| Immunogen Catalog Number: AG26155 | Observed MW: 37-40 kDa | |

Applications

Tested Applications:
ELISA

Species Specificity:
Human, Mouse

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.

Storage

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

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

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data