

TDP-43 antibody

Catalog Number: 115925

Product name

TDP-43 antibody

Specificity

Human, Mouse, Rat, Zebrafish; other species not tested.

Antibody description

TDP-43 Rabbit Polyclonal antibody. Positive WB detected in K-562 cells, A549 cells, HeLa cells, HL-60 cells, human heart tissue, mouse brain tissue, mouse pancreas tissue, rat brain tissue. Positive IP detected in HeLa cells, K-562 cells. Positive FC detected in HeLa cells. Positive IF detected in HeLa cells, HepG2 cells, MCF-7 cells, SH-SY5Y cells. Positive IHC detected in human brain (FTLD-U) tissue, human brain tissue, human gliomas tissue, human pancreas tissue, human prostate cancer tissue, mouse brain tissue, rat brain tissue. Observed molecular weight by Western-blot: 43 kDa

Preparation

This antibody was obtained by immunization of TDP-43 recombinant protein (Accession Number: BC001487). Purification method: Antigen affinity purified.

Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC, IP, FC, IF

Dilutions

Recommended Dilution:

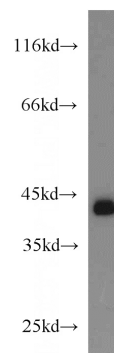
WB: 1:1000-1:10000

IP: 1:200-1:2000

IHC: 1:20-1:200

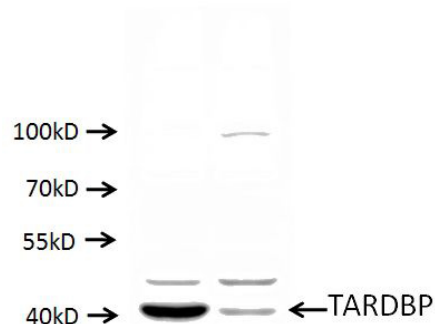
IF: 1:20-1:200

Validations



K-562 cells were subjected to SDS PAGE followed by western blot with Catalog No:115925(TARDBP antibody) at dilution of 1:2000

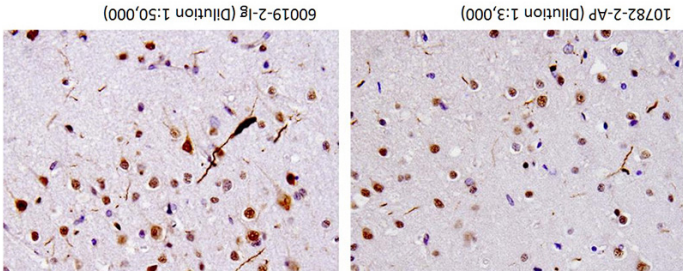
shcon shTARDBP



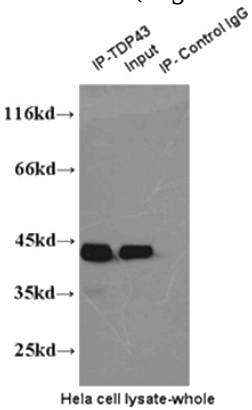
A549 cells (shcontrol and shRNA of TDP43) were subjected to SDS PAGE followed by western blot with Catalog No:115925 (TARDBP antibody) at dilution of 1:1000. (Data provided by Angran Biotech (www.miRNAlab.com)).

TDP-43 antibody

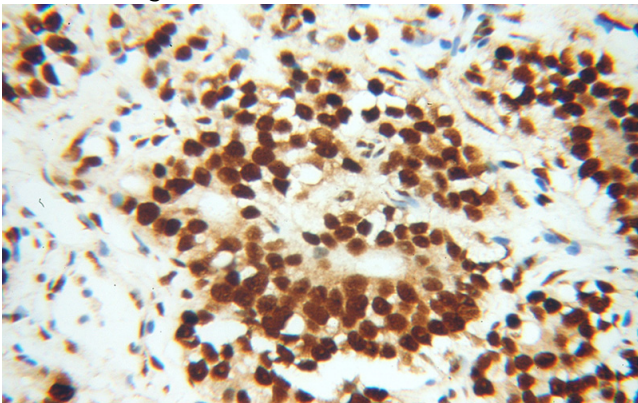
Catalog Number: 115925



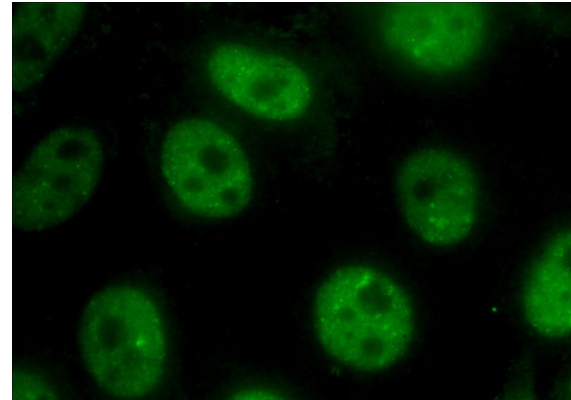
40X of FTLD-U case stained by Catalog No:115925 and Catalog No:107618, showing dystrophic neurites. (Figs were provided by Linda K. Kwong)



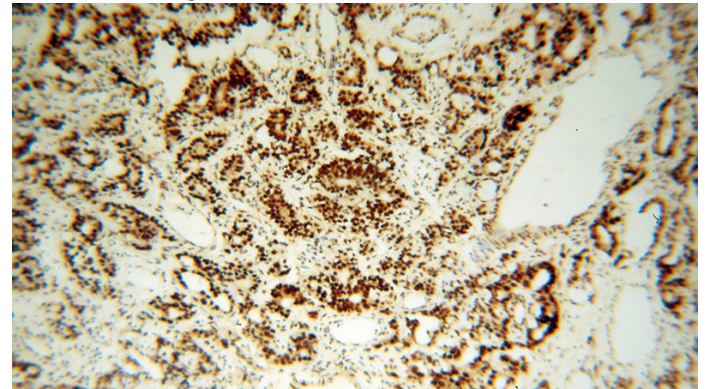
IP result of anti-TDP43(Catalog No:115925 for IP and Catalog No:107618 for Detection).



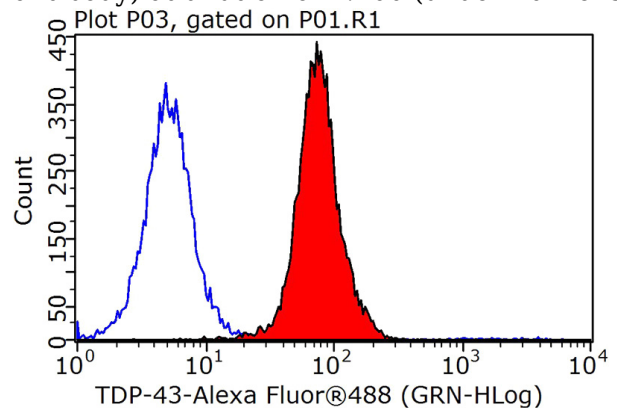
Immunohistochemical of paraffin-embedded human gliomas using Catalog No:115925(TARDBP antibody) at dilution of 1:200 (under 40x lens)



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using Catalog No:115925(TDP-43 Antibody) at dilution of 1:400 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemical of paraffin-embedded human gliomas using Catalog No:115925(TARDBP antibody) at dilution of 1:200 (under 10x lens)



1X10⁶ HeLa cells were stained with 0.2ug TDP-43 antibody (Catalog No:115925, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.