

Nur für Forschungszwecke

TDP-43 (for IF/FC) Rekombinanter Antikörper

Katalog-Nr.:CL594-80002



Allgemeine Informationen

Katalog-Nr.: CL594-80002	GenBank-Zugangsnummer: BC001487	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 23435	CloneNo.: 16A22
Wirt: Kaninchen	Vollständiger Name: TAR DNA binding protein	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 43 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG1231	Beobachtete Masse: 43 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : Maushirngewebe,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

The TARDBP gene encodes the TDP-43 protein, initially found to repress HIV-1 transcription by binding TAR DNA. TDP-43 has since been shown to bind RNA as well as DNA, and have multiple functions in transcriptional repression, translational regulation and pre-mRNA splicing. For instance, it is reported to regulate alternate splicing of the CTFR gene. In 2006 Neumann et al. found that hyperphosphorylated, ubiquitinated and/or cleaved forms of TDP-43, collectively known as pathological TDP-43, play a major role in the disease mechanisms of ubiquitin-positive, tau- and alpha-synuclein-negative frontotemporal dementia (FTLD-U) and in amyotrophic lateral sclerosis (ALS).

Lagerung

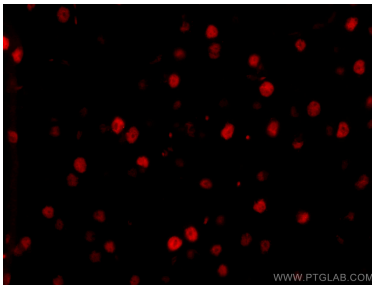
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

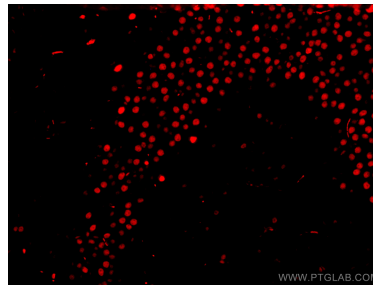
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

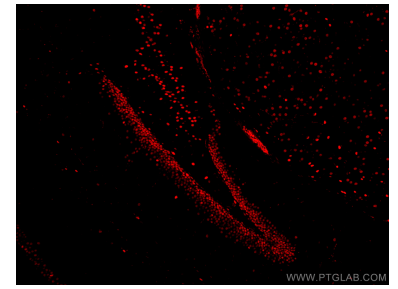
Ausgewählte Validierungsdaten



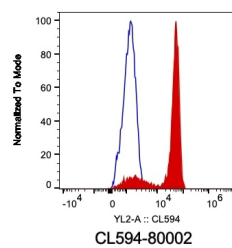
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CL594-80002 (TDP-43 (for IF/FC) antibody) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CL594-80002 (TDP-43 (for IF/FC) antibody) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CL594-80002 (TDP-43 (for IF/FC) antibody) at dilution of 1:100.



1×10^6 HeLa cells were stained with 0.2 μ g CoraLite®594 Anti-Human TDP-43 (for IF/FC) (CL594-80002, Clone: 16A22) (red), or 0.2 μ g CoraLite®594 Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).