

Nur für Forschungszwecke

TDP-43 (C-terminal) Polyklonaler Antikörper



Katalog-Nr.:CL488-12892

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: CL488-12892	GenBank-Zugangsnummer: BC001487	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von23435	GeneID (NCBI): Vollständiger Name: TAR DNA binding protein	Empfohlene Verdünnungen: IF 1:50-1:500
Nanodrop;	Berechnete Masse: 43 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Wirt: Kaninchen		
Isotyp: IgG		
Immunogen Katalognummer: AG4003		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HeLa-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

Transactivation response (TAR), DNA-binding protein of 43 kDa (also known as TARDBP or TDP-43), was first isolated as a transcriptional inactivator binding to the TAR DNA element of the HIV-1 virus. Neumann et al. (2006) found that a hyperphosphorylated, ubiquitinated, and cleaved form of TARDBP, known as pathologic TDP-43, is the major component of the tau-negative and ubiquitin-positive inclusions that characterize amyotrophic lateral sclerosis (ALS) and the most common pathological subtype of frontotemporal lobar degeneration (FTLD-U). 12892-1-AP is a rabbit polyclonal antibody raised against the C-terminal amino acids of human TDP-43. This antibody recognizes the cleavage product of 20-30 kDa in addition to the native and phosphorylated forms of TDP-43. Immunohistochemical analyses of TDP-43 using this antibody detect both normal diffuse nuclear staining and insoluble inclusions in pathologic tissues. Various forms of TDP-43 exist, including 18-35 kDa of cleaved C-terminal fragments, 45-50 kDa phosphoprotein, 55 kDa glycosylated form, 75 kDa hyperphosphorylated form, and 90-300 kDa cross-linked form. (17023659,19823856,21666678,22193176)

Recently TDP-43 has been reported to be overexpressed in triple negative breast cancer (TNBC) and it may be a potential target for TNBC diagnosis and drug design. (29581274)

Lagerung

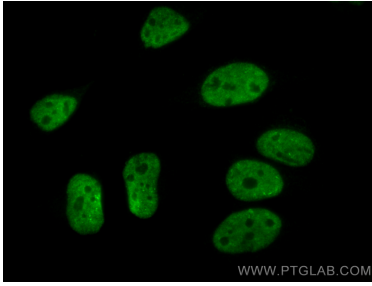
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

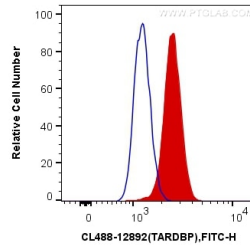
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 HeLa cells using CoraLite® Plus 488 TDP-43 (C-terminal) antibody (CL488-12892) at dilution of 1:200.



1×10^6 HeLa cells were intracellularly stained with 0.2 μ g CoraLite® Plus 488 Anti-Human TDP-43 (C-terminal) (CL488-12892) (red), or 0.2 μ g Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).