

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-TDP-43 (for IF/FC)



Numéro de catalogue: **CL488-80002**

## Informations de base

Numéro de catalogue: CL488-80002	Numéro d'acquisition GenBank: BC001487	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 23435	CloneNo.: 16A22
Hôte: Lapin	Nom complet: TAR DNA binding protein	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG	MW calculé 43 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG1231	MW observés: 43 kDa	

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : tissu cérébral de souris,
Spécificité de l'espèce: Humain, rat, souris	

## Informations générales

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).

## Stockage

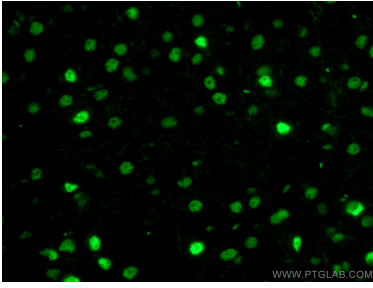
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

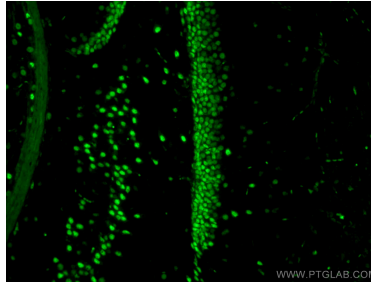
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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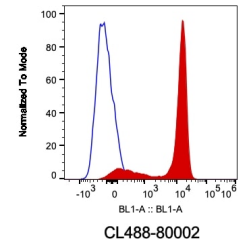
## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CL488-80002 (TDP-43 (for IF/FC) antibody) at dilution of 1:100.



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1X10<sup>6</sup> HeLa cells were stained with 0.2 ug CoraLite® Plus 488 Anti-Human TDP-43 (for IF/FC) (CL488-80002, Clone:16A22) (red), or 0.2 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).