

À des fins de recherche uniquement

Anticorps Recombinant de lapin anti-Phospho-TDP43 (Ser409/410)



Numéro de catalogue: CL488-80007

Informations de base

Numéro de catalogue:

CL488-80007

Numéro d'acquisition GenBank:

NM_007375

Méthode de purification:

Purification par protéine A

Taille:

100ul, Concentration: 1000 µg/ml by

Nanodrop;

Identification du gène (NCBI):

23435

CloneNo.:

6M10

Hôte:

Lapin

Nom complet:

TAR DNA binding protein

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Isotype:

IgG

MW calculé

43 kDa

Applications

Applications testées:

FC (Intra)

Spécificité de l'espèce:

Humain, souris

Informations générales

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). Various forms of TDP-43 exist, including 18-35 kDa of cleaved C-terminal fragments, 45-50 kDa phospho-protein, 55 kDa glycosylated form, 75 kDa hyperphosphorylated form, and 90-300 kDa cross-linked form. (PMID: 17023659, 19823856, 21666678, 22193176). 80007-1-RR is a recombinant rabbit monoclonal antibody recognizing TDP-43 only when phosphorylated at 409/410. Immunohistochemical analyses using this antibody only stain the insoluble inclusions in pathologic tissues without normal diffuse nuclear staining.

Stockage

Stockage:

Stocker à -20 °C. Éviter toute exposition à la lumière.

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.

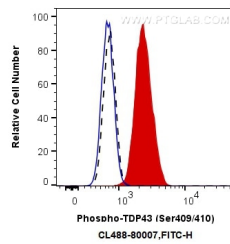
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ Jurkat cells untreated (dashed lines) or treated with Calyculin A (red) were intracellularly stained with 1 ug CoraLite® Plus 488 Anti-Human Phospho-TDP43 (Ser409/410) (CL488-80007, Clone:6M10), or 1 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with 90% MeOH.