

À des fins de recherche uniquement

Anticorps Monoclonal anti-TDP-43 (C-terminal)



Numéro de catalogue: 67345-1-Ig

Phare

4 Publications

Informations de base

Numéro de catalogue: 67345-1-Ig	Numéro d'acquisition GenBank: NM_007375	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 23435	CloneNo.: 1G5F6
Hôte: Mouse	Nom complet: TAR DNA binding protein	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:2000-1:20000 IF 1:250-1:1000
Isotype: IgG2a	MW calculé: 43 kDa	
	MW observés: 43-45 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules HepG2, cellules Neuro-2a, cellules PC-12, cellules SH-SY5Y, cellules Y79

IHC : tissu cérébral de souris, tissu cérébral de rat, tissu de gliome humain

IF : tissu cérébral de rat,

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). 67345-1-Ig is a mouse monoclonal antibody raised against the C-terminal region of human TDP-43.

Publications notables

Autrice	Pubmed ID	Journal	Application
Joshua M Marcus	34082062	Neurochem Int	IF
Eva P Cuevas	35203594	Biomedicines	WB,IF
Loreto Martinez-Gonzalez	37621404	Front Mol Neurosci	WB,IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

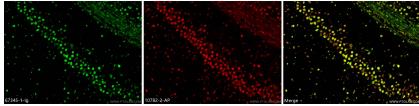
For technical support and original validation data for this product please contact:

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

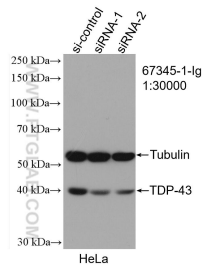
E: proteintech@ptglab.com
W: ptglab.com

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

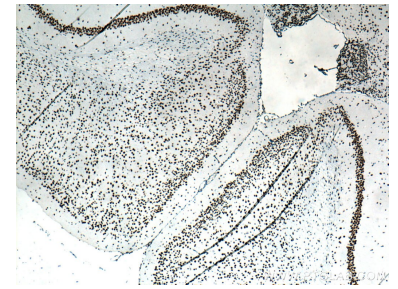
Données de validation sélectionnées



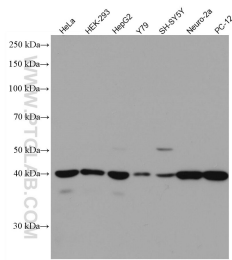
Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using 67345-1-Ig (TDP-43 (C-terminal) antibody) at dilution of 1:500 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



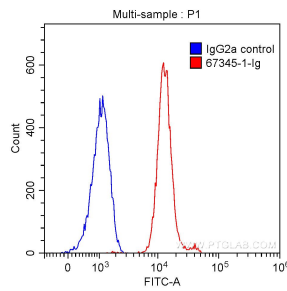
WB result of TDP-43 (C-terminal) antibody (67345-1-Ig; 1:30000); incubated at room temperature for 1.5 hours) with sh-Control and sh-TDP-43 (C-terminal) transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67345-1-Ig (TDP-43 (C-terminal) antibody) at dilution of 1:5000 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67345-1-Ig (TDP-43 (C-terminal) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1x10⁶ HeLa cells were intracellularly stained with 0.20ug Anti-Human TDP-43 (C-terminal) (67345-1-Ig, Clone:1G5F6) (red) or 0.20 ug Mouse IgG2a Isotype Control(66360-2-Ig, CloneK11A1B2A2) (blue) and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Fixed with 90% MeOH.