

Nur für Forschungszwecke

TDP-43 (C-terminal) Monoklonaler Antikörper



Katalog-Nr.: 67345-1-Ig

Vorgestelltes Produkt

3 Publikationen

Allgemeine Informationen

Katalog-Nr.: 67345-1-Ig	GenBank-Zugangsnummer: NM_007375	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 2300 µg/ml von 23435 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 23435	CloneNo.: 1G5F6
Wirt: Maus	Vollständiger Name: TAR DNA binding protein	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:2000-1:20000 IF 1:250-1:1000
Isotyp: IgG2a	Berechnete Masse: 43 kDa	
	Beobachtete Masse: 43-45 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

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

IHC: Maushirngewebe, humanes Gliomgewebe, Rattenhirngewebe

IF: Rattenhirngewebe,

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

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Joshua M Marcus	34082062	Neurochem Int	IF
Eva P Cuevas	35203594	Biomedicines	WB,IF
Michael Ohene-Nyako	36890725	ASN Neuro	WB,IF

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

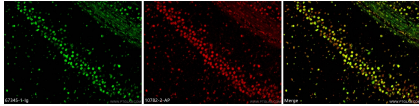
For technical support and original validation data for this product please contact:

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

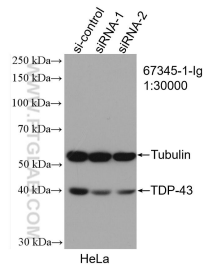
E: proteintech@ptglab.com
W: ptglab.com

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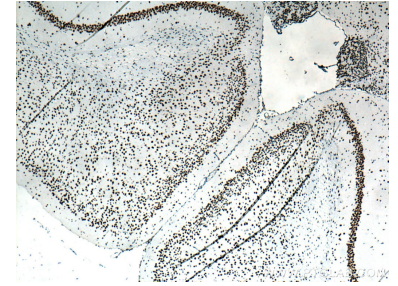
Ausgewählte Validierungsdaten



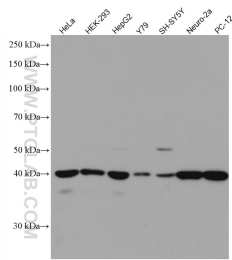
Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using 67345-1-Ig (TDP-43 (C-terminal) antibody) at dilution of 1:500 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



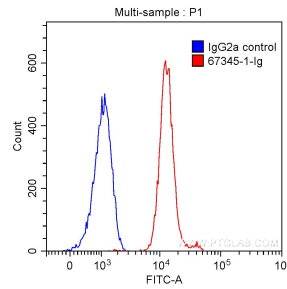
WB result of TDP-43 (C-terminal) antibody (67345-1-Ig; 1:30000); incubated at room temperature for 1.5 hours) with sh-Control and sh-TDP-43 (C-terminal) transfected HeLa cells.



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.