

À des fins de recherche uniquement

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



Numéro de catalogue: 22309-1-AP **77 Publications**

Informations de base

Numéro de catalogue: 22309-1-AP	Numéro d'acquisition GenBank: NM_007375	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 580 µg/ml by Nanodrop;	Identification du gène (NCBI): 23435	Dilutions recommandées: WB 1:500-1:2000
Hôte: Lapin	Nom complet: TAR DNA binding protein	
Isotype: IgG	MW calculé: 43 kDa	
	MW observés: 40-50 kDa, 25-35 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules HeLa traitées à la calyculine A,
Demandes citées: IF, IHC, WB	
Spécificité de l'espèce: Humain, souris	
Espèces citées: Humain, rat, singe, 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). 22309-1-AP is a rabbit polyclonal 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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Nikita Fernandes	32992901	Biomolecules	IF
Janice S W Ng	31529970	Biochemistry	IF
Ching-Chieh Chou	26130692	Hum Mol Genet	WB, IF

Stockage

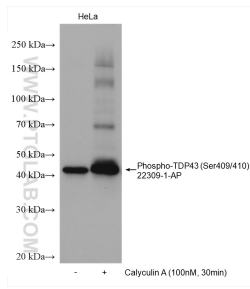
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

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Données de validation sélectionnées



Non-treated and Calyculin A treated HeLa cells were subjected to SDS PAGE followed by western blot with 22309-1-AP (Phospho-TDP43 (Ser409/410) antibody) at dilution of 1:1000 incubated at room temperature for 1 hours.