

À des fins de recherche uniquement

# Anticorps Monoclonal anti-TDP-43

Numéro de catalogue: 60019-1-Ig **6 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 60019-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC001487	<b>Méthode de purification:</b> Précipitation de l'acide caprylique/du sulfate d'ammonium
<b>Taille:</b> 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 23435	<b>CloneNo.:</b> 5D5F11
<b>Hôte:</b> Mouse	<b>Nom complet:</b> TAR DNA binding protein	<b>Dilutions recommandées:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 43 kDa	
<b>Immunogen Catalog Number:</b> AG1231	<b>MW observés:</b> 50-60 kDa	

## Applications

<b>Applications testées:</b> IHC, WB, ELISA	<b>Contrôles positifs:</b> WB : tissu cérébral humain, cellules HeLa IHC : tissu de cancer de la prostate humain,
<b>Demandes citées:</b> IF, IHC, WB	
<b>Spécificité de l'espèce:</b> Humain	
<b>Espèces citées:</b> Humain	

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

## 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). 60019-1-Ig is a mouse monoclonal antibody recognizing the cleavage product of 20-30 kDa in addition to the native and phosphorylated forms of TDP-43. Immunohistochemical analyses of TDP-43 using this antibody detect both normal diffuse nuclear staining and insoluble inclusions in pathologic tissues. Notably this antibody only recognizes human TDP-43 but not reacts with mouse or rat TDP-43.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Hosokawa Masato M	24066851	Int J Neurosci	
Alexander J Moszczynski	31703746	Acta Neuropathol Commun	IHC, IF
Guangbo Liu	31767634	Mol Cell Biol	WB

## Stockage

**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,1 % 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.

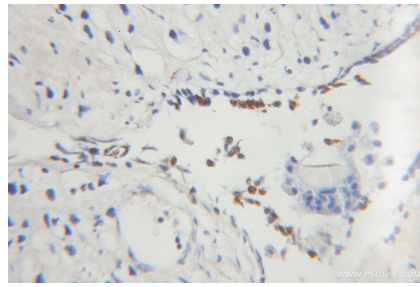
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## Données de validation sélectionnées



human brain tissue were subjected to SDS PAGE followed by western blot with 60019-1-Ig (TARDBP antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 60019-1-Ig(TARDBP antibody) at dilution of 1:50 (under 25x lens).