

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-C9orf72



Numéro de catalogue: 25757-1-AP

Phare

6 Publications

## Informations de base

<b>Numéro de catalogue:</b> 25757-1-AP	<b>Numéro d'acquisition GenBank:</b> BC068445	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul, Concentration: 600 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 203228	<b>Dilutions recommandées:</b> WB 1:300-1:1500 IHC 1:500-1:2000 IF 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> chromosome 9 open reading frame 72	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 481 aa, 54 kDa	
<b>Immunogen Catalog Number:</b> AG22723	<b>MW observés:</b> 25-30 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, IHC, WB

### Spécificité de l'espèce:

Humain, souris

### Espèces citées:

Humain, rat

**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.**

### Contrôles positifs:

WB : tissu cérébral de souris, cellules HEK-293, cellules SH-SY5Y

IHC : tissu de gliome humain, tissu testiculaire humain

IF : tissu cérébral de souris,

## Informations générales

C9ORF72 has a domain with polymorphic hexanucleotide repeat (GGGGCC). The C9ORF72-hexanucleotide repeat expansions have been recently identified as genetic markers in amyotrophic lateral sclerosis (ALS) and frontotemporal lobar degeneration (FTLD). The C9ORF72 repeat expansions may indicate a worse prognosis in ALS. Human C9ORF72 has some isoforms with MW 54-60 kDa and 25-30 kDa. Mouse C9orf72 has some isoforms with MW 50-60 kDa and 35 kDa. This antibody detects the N-terminal of C9orf72.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Wenzhong Zheng	36438488	Theranostics	WB
Carl Laflamme	31612854	Elife	WB, IF
Claudia S Bauer	35876881	Acta Neuropathol	WB

## 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.

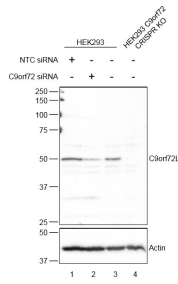
For technical support and original validation data for this product please contact:

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

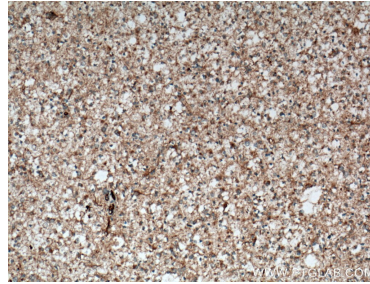
E: proteintech@ptglab.com  
W: ptglab.com

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

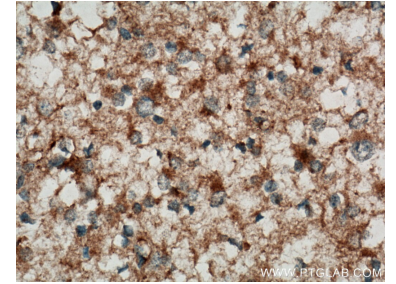
## Données de validation sélectionnées



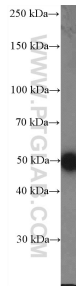
WB result of C9orf72 antibody (25757-1-AP, 1:250 incubated at RT for 1 hour) with si-C9orf72 HEK293 cells, C9orf72 CRISPR KO HEK293 cells; normal HEK293 cells and non-targeting control (NTC) siRNA transfected HEK293 cells as control. The ~50 kDa is the C9orf72 Long isoform. (Data from Dr Chris Webster, Postdoc in Kurt de Vos's group at SITRAN).



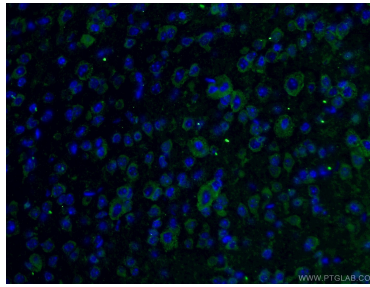
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 25757-1-AP (C9orf72 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 25757-1-AP (C9orf72 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 25757-1-AP (C9orf72 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 25757-1-AP (C9orf72 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).