

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-C9orf72



Numéro de catalogue: 22637-1-AP

Phare

29 Publications

Informations de base

Numéro de catalogue:

22637-1-AP

Taille:

150ul, Concentration: 520 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG18326

Numéro d'acquisition GenBank:

BC020851

Identification du gène (NCBI):

203228

Nom complet:

chromosome 9 open reading frame 72

MW calculé

481 aa, 54 kDa

MW observés:

50-54 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3000

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

IHC 1:500-1:2000

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris, Caenorhabditis elegans

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 C2C12, cellules HEK-293, cellules HeLa, cellules NIH/3T3, cellules SH-SY5Y, cellules Sp2/0, cellules transfectées, tissu cérébral de rat, tissu testiculaire de souris

IP : cellules SH-SY5Y,

IHC : tissu de gliome humain, tissu testiculaire humain

IF : cellules SH-SY5Y,

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. It has been reported that C9orf72 forms a complex with Cofilin and other actin binding proteins and 22637-1-AP antibody detects the complex bands around 43 and 68-72 kDa in SDS-PAGE. (PMID: 27723745)

Publications notables

Autrice	Pubmed ID	Journal	Application
Yang Liu	30366907	Genes Dev	WB,IF
Carl Laflamme	31612854	Elife	WB,IF
Liyang He	36220889	Cell Death Differ	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.

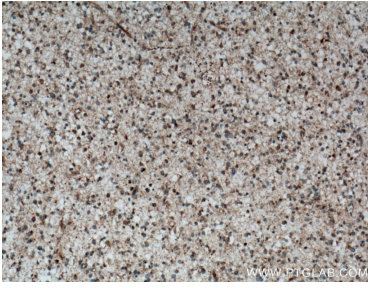
For technical support and original validation data for this product please contact:

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

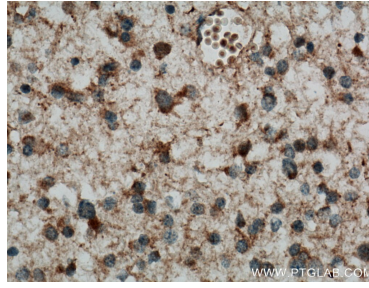
E: proteintech@ptglab.com
W: ptglab.com

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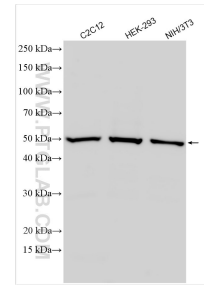
Données de validation sélectionnées



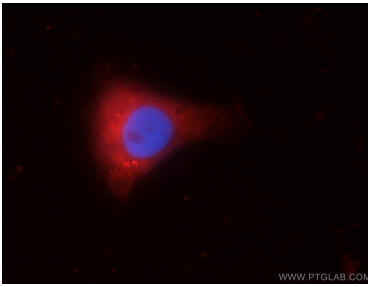
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 22637-1-AP (C9orf72 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



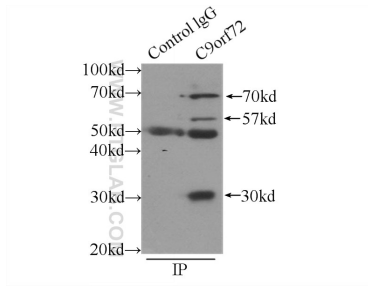
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 22637-1-AP (C9orf72 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 22637-1-AP (C9orf72 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of SH-SY5Y cells using 22637-1-AP (C9orf72 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



IP Result of anti-C9orf72 (IP:22637-1-AP, 3ug; Detection:22637-1-AP 1:300) with SH-SY5Y cells lysate 2000ug.