À des fins de recherche uniquement

Anticorps Monoclonal anti-C9orf72

Numéro de catalogue:66140-1-Ig 6 Publications

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Informations de base

Numéro de catalogue:
66140-1-Ig

Taille:
150ul , Concentration: 2600 μg/ml by Nanodrop and 1173 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG21080

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:
55 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
3D2H6

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:500-1:2000
IF 1:10-1:100

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

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 : tissu cérébral humain, cellules C6, cellules Neuro-2a

IP : cellules C6,

IHC : tissu de gliome humain, tissu cérébral humain

IF : cellules SH-SY5Y,

Informations générales

C9ORF72 has a domain whith 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). FTLD-TDP has five subtypes: Sporadic FTLD, GRN mutation FTLD, TARDBP mutation FTLD, VCP mutation FTLD and C9ORF72 mutation 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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Rajeeve Sivadasan	27723745	Nat Neurosci	WB
Shahram Saberi	29196813	Acta Neuropathol	IHC
Wei Dong	33024945	Animal Model Exp Med	WB

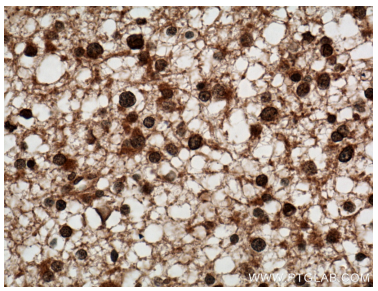
Stockage

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

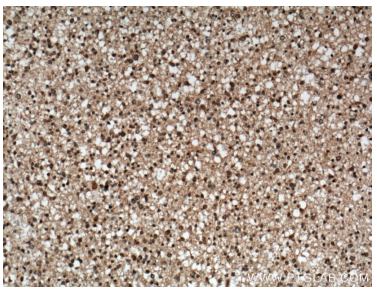
***** Les 20ul contiennent 0,1% de BSA.**

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

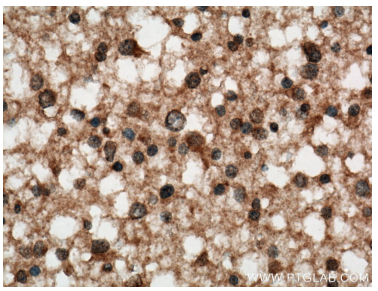
Données de validation sélectionnées



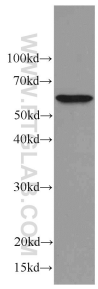
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66140-1-Ig (C9orf72 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



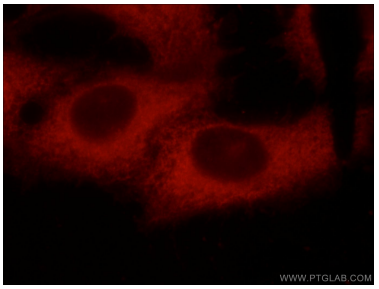
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66140-1-Ig (C9orf72 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



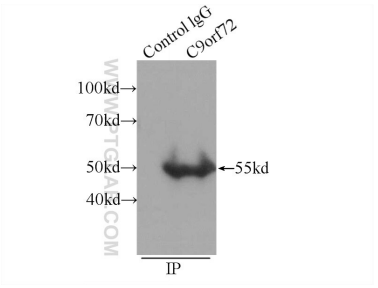
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66140-1-Ig (C9orf72 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human brain tissue were subjected to SDS PAGE followed by western blot with 66140-1-Ig (C9orf72 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of SH-SY5Y cells using 66140-1-Ig (C9orf72 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Mouse IgG.



IP Result of anti-C9orf72 (IP:66140-1-Ig, 4ug; Detection:66140-1-Ig 1:1000) with C6 cells lysate 1320ug.