

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Septin 4



Numéro de catalogue: 12476-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:

12476-1-AP

Taille:

150ul, Concentration: 133 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG3185

Numéro d'acquisition GenBank:

BC018056

Identification du gène (NCBI):

5414

Nom complet:

septin 4

MW calculé

459 aa, 53 kDa

MW observés:

54 kDa, 52 kDa, 48 kDa, 44 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

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

IHC 1:50-1:500

IF 1:200-1:800

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

ColP, IF, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : tissu cérébral de souris, cellules A375, tissu cérébral de rat, tissu de cervelet de souris

IP : cellules A375,

IHC : tissu cérébral de souris,

IF : cellules hTERT-RPE1,

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.

Informations générales

Septin 4 is a member of the septin family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septin 4 was widely expressed in brain and heart, also expressed in colorectal cancers and malignant melanomas. This protein has been implicated in diverse cellular functions, including cytokinesis, apoptosis, and tumor suppression(PMID:15737931). There are several isoforms of SEPTIN4, four of which were detected in the mouse brain and mouse cerebellum, 54 kDa, 52 kDa, 48 kDa and 44 kDa respectively(PMID: 23938054; PMID: 26657011).

Publications notables

Autrice	Pubmed ID	Journal	Application
Naijin Zhang	32025217	Int J Biol Sci	WB
Zeyu Yin	37557013	Biomed Pharmacother	WB
Mohan Liu	37424856	Front Endocrinol (Lausanne)	IF, ColP

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.

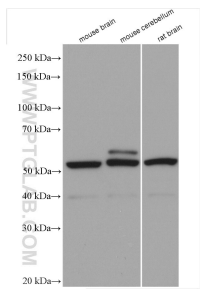
For technical support and original validation data for this product please contact:

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

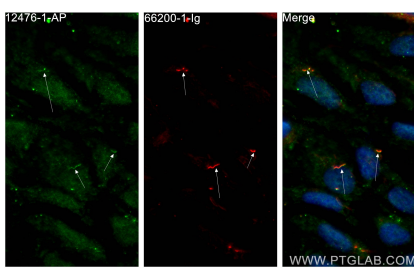
E: proteintech@ptglab.com
W: ptglab.com

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

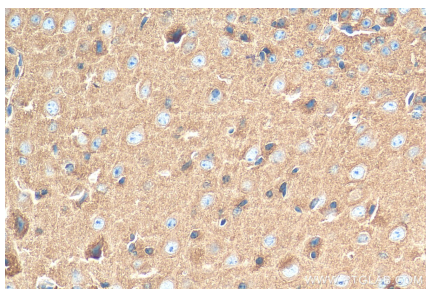
Données de validation sélectionnées



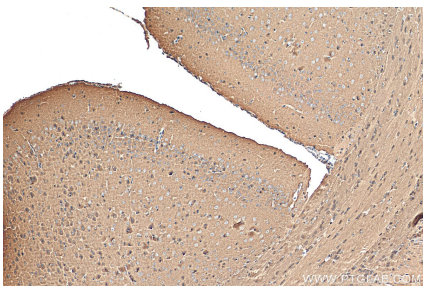
Various lysates were subjected to SDS PAGE followed by western blot with 12476-1-AP (Septin 4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



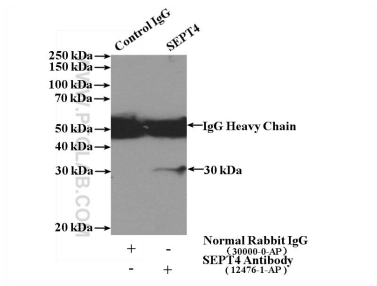
Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using Septin 4 antibody (12476-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), acetylated Tubulin(Lys40) antibody (66200-1-Ig, Clone: 7E5H8, red).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12476-1-AP (Septin 4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12476-1-AP (Septin 4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-Septin 4 (IP:12476-1-AP, 4ug; Detection:12476-1-AP 1:300) with A375 cells lysate 2200ug.