

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Septin 5



Numéro de catalogue: 11631-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:
11631-1-AP

Taille:
150ul, Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2205

Numéro d'acquisition GenBank:
BC025261

Identification du gène (NCBI):
5413

Nom complet:
septin 5

MW calculé
369 aa, 43 kDa

MW observés:
40-43 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug par IP and 1:200-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
IF, IP, 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; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat, cellules K-562, cellules LNCaP, cellules NIH/3T3, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain

IP : tissu cérébral de souris,

IHC : tissu de gliome humain,

Informations générales

Septin 5, a septin family member formerly called cell division control related protein 1 (CDCrel), is encoded in the 200 kb region and is abundantly expressed in the developing and adult brains of mice and humans. Although its constitutive deletion does not cause detectible structural or developmental abnormalities in the mouse brain, Septin 5 has been implicated in subtle neuronal and behavioral functions. Septin 5 is expressed in presynaptic terminals and exerts negative regulatory control over neurotransmitter release by binding to SNARE-protein, which has been implicated in neuropsychiatric disorders (PMID: 19240081). Septin 5 has 2 isoforms with the molecular mass of 39 and 43 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Mikael Marttinen	33203136	Cells	IF, WB
Katharina Neubauer	30019536	Cytoskeleton (Hoboken)	IF
Catarina B Ferreira	34954322	Neurobiol Dis	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'aliquote n'est pas nécessaire pour le stockage à -20C

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

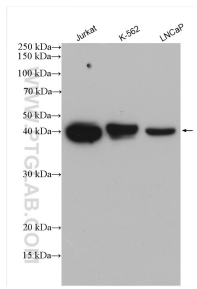
For technical support and original validation data for this product please contact:

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

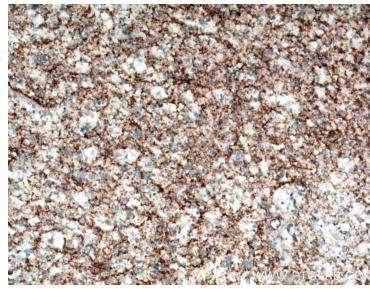
E: proteintech@ptglab.com
W: ptglab.com

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

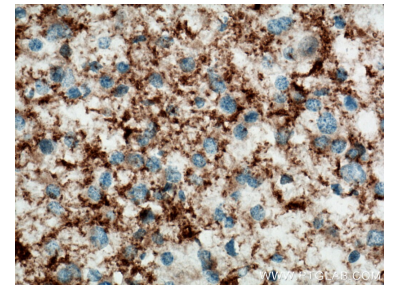
Données de validation sélectionnées



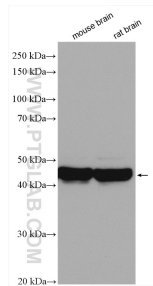
Jurkat cells were subjected to SDS PAGE followed by western blot with 11631-1-AP (Septin 5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



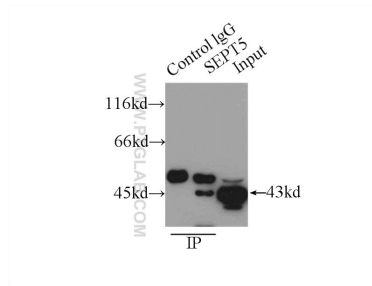
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11631-1-AP (Septin 5 antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11631-1-AP (Septin 5 antibody) at dilution of 1:100 (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 11631-1-AP (Septin 5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP Result of anti-Septin 5 (IP:11631-1-AP, 3ug; Detection:11631-1-AP 1:300) with mouse brain tissue lysate 1000ug.