

Nur für Forschungszwecke

Septin 5 Polyklonaler Antikörper

Katalog-Nr.: 11631-1-AP

Vorgestelltes Produkt

5 Publikationen



Allgemeine Informationen

Katalog-Nr.:
11631-1-AP

Größe:
150ul, Konzentration: 500 µg/ml von
Nanodrop und 267 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG2205

GenBank-Zugangsnummer:
BC025261

GeneID (NCBI):
5413

Vollständiger Name:
septin 5

Berechnete Masse:
369 aa, 43 kDa

Beobachtete Masse:
40-43 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000
IP 0.5-4.0 µg für IP und 1:200-1:1000
für WB
IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Jurkat-Zellen, humanes Hirngewebe, K-562-Zellen, LNCaP-Zellen, Maushirngewebe, NIH/3T3-Zellen, Rattenhirngewebe

IP: Maushirngewebe,

IHC: humanes Gliomgewebe,

Hintergrundinformationen

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 detectable 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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Mikael Marttinen	33203136	Cells	IF, WB
Katharina Neubauer	30019536	Cytoskeleton (Hoboken)	IF
Catarina B Ferreira	34954322	Neurobiol Dis	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

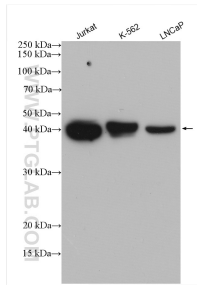
For technical support and original validation data for this product please contact:

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

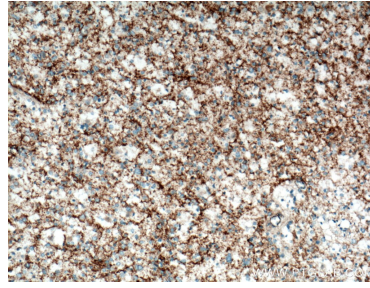
E: proteintech@ptglab.com
W: ptglab.com

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

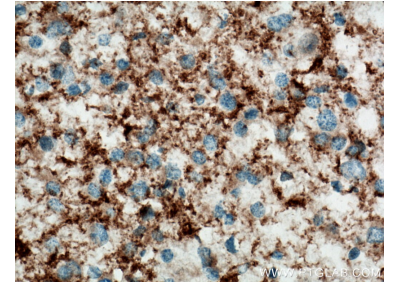
Ausgewählte Validierungsdaten



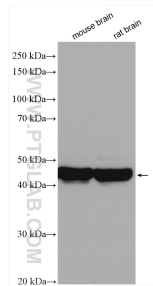
Jurkat cells were subjected to SDS PAGE followed by western blot with 11631-1-AP (Septin 5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



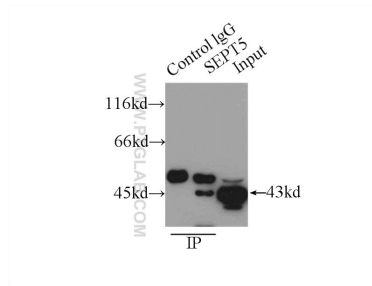
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11631-1-AP (Septin 5 antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.