

Nur für Forschungszwecke

PACSIN1 Polyklonaler Antikörper

Katalog-Nr.:13219-1-AP

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 13219-1-AP	GenBank-Zugangsnummer: BC040228	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 850 µg/ml von Nanodrop und 393 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 29993	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: protein kinase C and casein kinase substrate in neurons 1	
Isotyp: IgG	Berechnete Masse: 444 aa, 51 kDa	
Immunogen Katalognummer: AG4102	Beobachtete Masse: 48-51 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : Maus-Cerebellum-Gewebe, Maushirngewebe IHC : humanes Hirngewebe, IF : SH-SY5Y-Zellen,
In Publikationen genannte Anwendungen: IHC	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

PACSIN1 (also known as syndapin-1) is a member of the protein kinase C and casein kinase substrate in neurons (PACSIN) family. In mammals, the PACSIN family is comprised of three members, PACSIN1, PACSIN2, and PACSIN3 (PMID: 34990060). PACSIN1 is expressed mainly in neurons, whereas PACSIN2 is ubiquitously expressed in all tissues, and PACSIN3 is expressed mainly in skeletal muscle and the heart (PMID: 23668323). All of these three members contain an N-terminal F-BAR domain and a C-terminal SH3 domain. PACSIN1 plays a role in endocytosis and endosomal recycling. Meanwhile, it has a role in actin remodeling and microtubule nucleation and also plays a particular role in membrane shaping and reconstruction (PMID: 23035120; 34422904). PACSIN1 is involved in neuromorphogenesis and the regulation of the nervous system, and the inappropriate expression of PACSIN1 has been associated with some neurological diseases, including schizophrenia, Alzheimer's disease, and Huntington's disease (PMID: 34990060).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhou Zimu	34422904	Front Mol Biosci	IHC

Lagerung

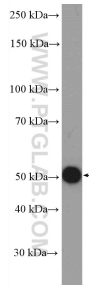
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

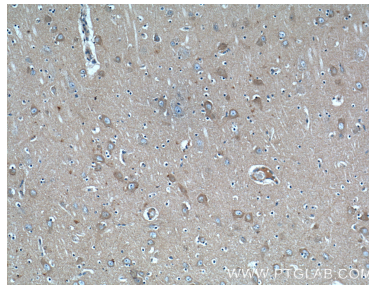
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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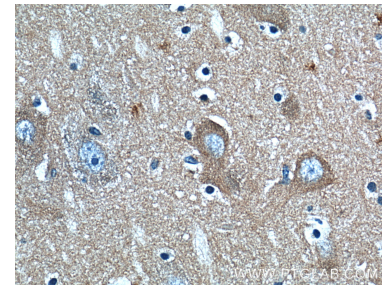
Ausgewählte Validierungsdaten



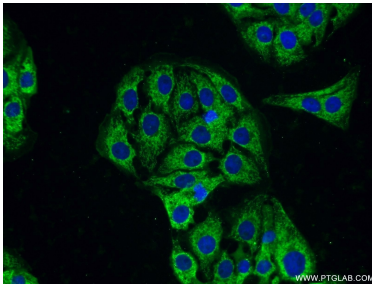
mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 13219-1-AP (PACSIN1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 13219-1-AP (PACSIN1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 13219-1-AP (PACSIN1 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of SH-SY5Y cells using 13219-1-AP (PACSIN1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).