

Nur für Forschungszwecke

PSD95-Specific,DLG4 Polyklonaler Antikörper



Katalog-Nr.:20665-1-AP

Vorgestelltes Produkt

118 Publikationen

Allgemeine Informationen

Katalog-Nr.: 20665-1-AP	GenBank-Zugangsnummer: NM_001365	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 550 µg/ml von Nanodrop;	GeneID (NCBI): 1742	Empfohlene Verdünnungen: WB 1:2000-1:16000 IHC 1:250-1:1000
Wirt: Kaninchen	Vollständiger Name: discs, large homolog 4 (Drosophila)	
Isotyp: IgG	Berechnete Masse: 85 kDa	
	Beobachtete Masse: 90-95 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, WB, ELISA	Positivkontrollen: WB : Maushirngewebe, HeLa-Zellen, Rattenhirngewebe IHC : Maushirngewebe,
In Publikationen genannte Anwendungen: ColP, FC, IF, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Hamster, Human, Maus, Ratte, Zebrafisch	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

PSD-95 (postsynaptic density protein 95) also known as SAP-90 (synapse-associated protein 90) is a protein that in humans is encoded by the DLG4 (disks large homolog 4) gene. PSD-95 is a scaffolding protein of the MAGUK protein family, and engages in several vital protein-protein interactions in the brain with its PDZ domains. It has been suggested that PSD-95 is composed of two supramodules, one of which is the PDZ1-2 tandem domain. It plays an important role in synaptic plasticity and the stabilization of synaptic changes during long-term potentiation. Observed MW of PSD95 is 90-95 kDa due to phosphorylation (PMID: 20682303).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Pengcheng Ma	36179027	Sci Adv	WB
Xiaoyin Liu	36246376	Front Bioeng Biotechnol	IF
Rui Dang	30266599	Neuropharmacology	WB,IF

Lagerung

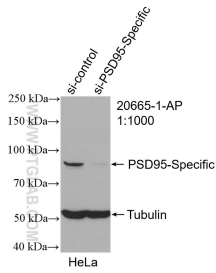
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

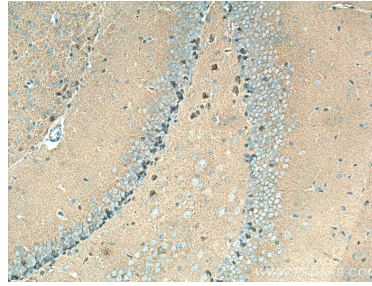
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

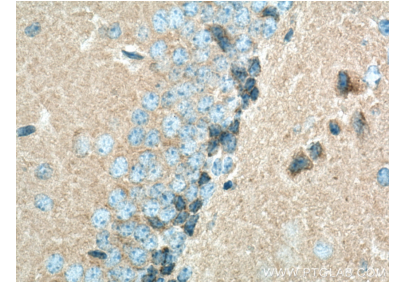
Ausgewählte Validierungsdaten



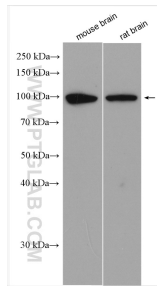
WB result of PSD95-Specific,DLG4 antibody (20665-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PSD95-Specific,DLG4 transfected HeLa cells.



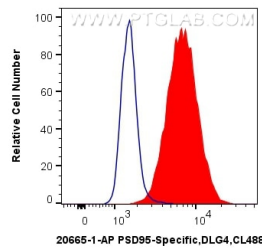
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20665-1-AP (PSD95-Specific,DLG4 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20665-1-AP (PSD95-Specific,DLG4 antibody) at dilution of 1:500 (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 20665-1-AP (PSD95-Specific,DLG4 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



1x10⁶ Neuro-2a cells were intracellularly stained with 0.4 ug Anti-Human PSD95-Specific,DLG4 (20665-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).