

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PSD95-Specific,DLG4



Numéro de catalogue: 20665-1-AP

Phare

134 Publications

Informations de base

Numéro de catalogue:

20665-1-AP

Taille:

150ul , Concentration: 550 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_001365

Identification du gène (NCBI):

1742

Nom complet:

discs, large homolog 4 (Drosophila)

MW calculé

85 kDa

MW observés:

90-95 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IHC 1:250-1:1000

Applications

Applications testées:

FC, IHC, WB, ELISA

Demandes citées:

ColP, FC, IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, poisson-zèbre, rat, souris, Hamster

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.

Contrôles positifs:

WB : tissu cérébral de souris, cellules HeLa, tissu cérébral de rat

IHC : tissu cérébral de souris,

Informations générales

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).

Publications notables

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

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.

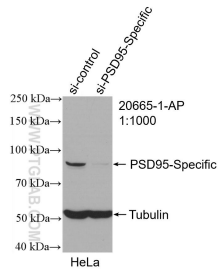
For technical support and original validation data for this product please contact:

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

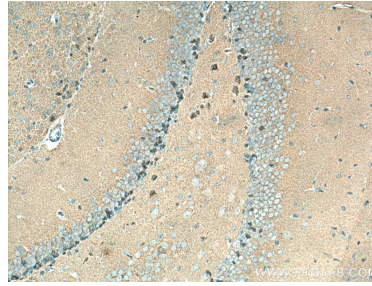
E: proteintech@ptglab.com
W: ptglab.com

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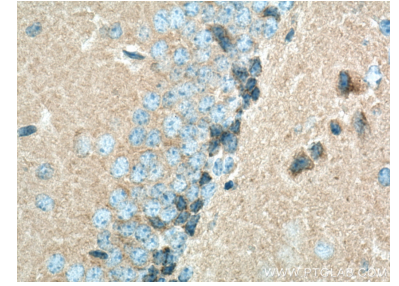
Données de validation sélectionnées



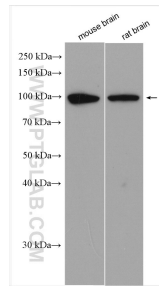
WB result of PSD95-Specific,DLG4 antibody (20665-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PSD95-Specific,DLG4 transfected HeLa cells.



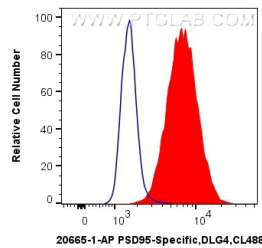
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20665-1-AP (PSD95-Specific,DLG4 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).