

PSD95 Rabbit pAb

Catalog Number: bs-20649R

Target Protein: PSD95

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Mouse, Rat (predicted:Human, Rabbit, Pig, Sheep, Cow, Dog, Horse)

Predicted MW: 80 kDa

Entrez Gene: 1742

Swiss Prot: P78352

Source: KLH conjugated synthetic peptide derived from human PSD95: 351-450/724.

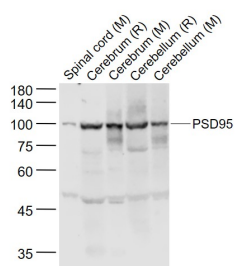
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

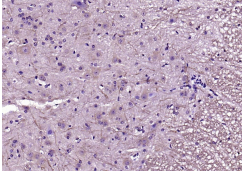
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

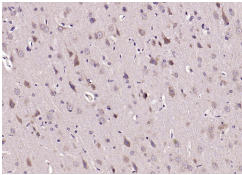
VALIDATION IMAGES



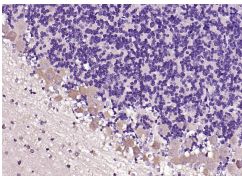
Sample: Lane 1: Spinal cord (Mouse) Lysate at 40 ug Lane 2: Cerebrum (Rat) Lysate at 40 ug Lane 3: Cerebrum (Mouse) Lysate at 40 ug Lane 4: Cerebellum (Rat) Lysate at 40 ug Lane 5: Cerebellum (Mouse) Lysate at 40 ug
Primary: Anti-PSD95 (bs-20649R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 80 kD Observed band size: 95 kD



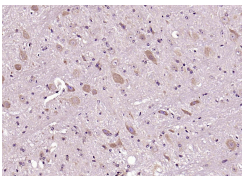
Paraformaldehyde-fixed, paraffin embedded (mouse spinal cord); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PSD95) Polyclonal Antibody, Unconjugated (bs-20649R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PSD95) Polyclonal Antibody, Unconjugated (bs-20649R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PSD95) Polyclonal Antibody, Unconjugated (bs-20649R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PSD95) Polyclonal Antibody, Unconjugated (bs-20649R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=15.1] Ke Wu. et al. The microglial innate immune receptors TREM-1 and TREM-2 in the anterior cingulate cortex (ACC) drive visceral hypersensitivity and depressive-like behaviors following DSS-induced colitis. BRAIN BEHAV IMMUN. 2023 Jun;; WB ; Mouse . 37286175

[IF=5.6] Qifeng Shi. et al. PLC-CN-NFAT1 signaling-mediated A β and IL-1 β crosstalk synergistically promotes hippocampal neuronal damage. INT IMMUNOPHARMACOL. 2024 Jun;134:112259 WB,IF ; Mouse . 38749336

[IF=5.1] Gao Jie. et al. MANF Alleviates Sevoflurane-Induced Cognitive Impairment in Neonatal Mice by Modulating Microglial Activation and Polarization. MOL NEUROBIOL. 2023 Nov;;1-12 WB ; Mouse . 37989984

[IF=2.733] Zhai X et al. L-lactate preconditioning promotes plasticity-related proteins expression and reduces neurological deficits by potentiating GPR81 signaling in rat traumatic brain injury model. Brain Res. 2020 Nov 1;1746:146945. WB,IF ; Rat . 32531223