

bs-3349R**[Primary Antibody]****phospho-PSD95 (Tyr236 + Tyr240) Rabbit pAb**

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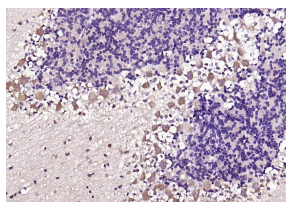
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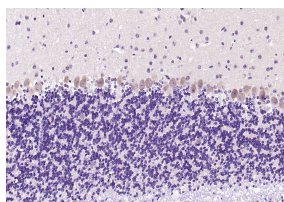
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— DATASHEET —

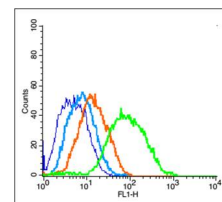
Host: Rabbit Clonality: Polyclonal GeneID: 1742 Target: PSD95 (Tyr236 + Tyr240) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human PSD95 around the phosphorylation site of Tyr236/Tyr240: NT(p-Y)DV. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M 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]	Isotype: IgG SWISS: P78352	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1µg /Test) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog) Predicted MW.: 80 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

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 (Phospho-PSD95 (Tyr236 + Tyr240)) Polyclonal Antibody, Unconjugated (bs-3349R) 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 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 (Phospho-PSD95 (Tyr236 + Tyr240)) Polyclonal Antibody, Unconjugated (bs-3349R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control (blue line): mouse brain (fixed with 2% paraformaldehyde for 10 min at room temperature, and then stained with Primary Antibody for 30 min at room temperature). Primary Antibody (green line): Rabbit Anti-Phospho-PSD95 (Tyr236 + Tyr240) antibody (bs-3349R), Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FTIC, Dilution: 1µg /test.

— SELECTED CITATIONS —

- **[IF=2.997]** Xinrong Pei. et al. The neuroprotective effects of alpha-lipoic acid on an experimental model of Alzheimer's disease in PC12 cells. 2021 Jun 16 WB ;Rat. 34133789