Postsynaptic Density Protein 95 (PSD95) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Postsynaptic Density Protein 95 (PSD95), Polyclonal Antibody
Full Product Name	Postsynaptic Density Protein 95 CT (PSD-95, PSD95, Discs Large Homolog 4, DLG4, Human Post-synaptic Density Protein 95, Synapse-associated Protein 90, SAP90, SAP-90) (APC)
Product Gene Name	anti-PSD95 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservatives added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes human PSD-95 at ~95kD. Crossreactivity with an unknown protein at ~50kD with rat brain homogenates but not with mouse brain homogenates. Reactivity confirmed with rat brain homogenates and lysates of PSD-95 transfected HEK293 cells. Species Crossreactivity: rat and mouse
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Synthetic peptide corresponding to the C-terminal region of human PSD-95, conjugated to KLH.
Conjugate	APC
Note	Preservative Free
Product Categories/Family for anti-PSD95 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-PSD95 antibody	ELISA (EIA), Immunofluorescence (IF), Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-PSD95 antibody	ELISA: 0.1-1.0ug/ml IF: 0.5-1.0ug/ml WB: 1ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-PSD95 antibody	MBS6495952 is an antibody targeting PSD95. Also known as Postsynaptic Density Protein 95 CT (PSD-95, PSD95, Discs Large Homolog 4, DLG4, Human Post-synaptic Density Protein 95, Synapse-associated Protein 90, SAP90, SAP-90) (APC). Reactive in Human, Mouse, Rat. Host: Rabbit.
Product References and Citations for anti-PSD95 antibody	1. McGee-A-W. and Bredt-D-S. Identification of an intramolecular interaction between the SH3 and guanylate kinase domains of PSD-95. J. Biol. Chem. 274:17431-17436 (1999). 2. Jo K, Derin R, Li M, Bredt DS. Characterization of MALS/Velis-1, -2, and-3: a family of mammalian LIN-7 homologs enriched at brain synapses in association with the postsynaptic density-95/NMDA receptor postsynaptic complex. J. Neurosci., 19:4189-4199 (1999). 3. Ziff EB. Enlightening the postsynaptic density. Neuron 19:1163-1174 (1999). 4. Karen S. Christopherson, Brian J. Hillier, Wendell A. Lim, and David S. Bredt. PSD-95 Assembles a Ternary Complex with the N-Methyl-D-aspartic Acid Receptor and a Bivalent Neuronal NO Synthase PDZ Domain. J Biol Chem, 274:27467-27473 (1999).

Other Notes	Small volumes of anti-PSD95 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PSD95. It may not necessarily be applicable to this product.

Protein Family	Disks large
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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