

Anti-Chapsyn-110/PSD-93 Antibody

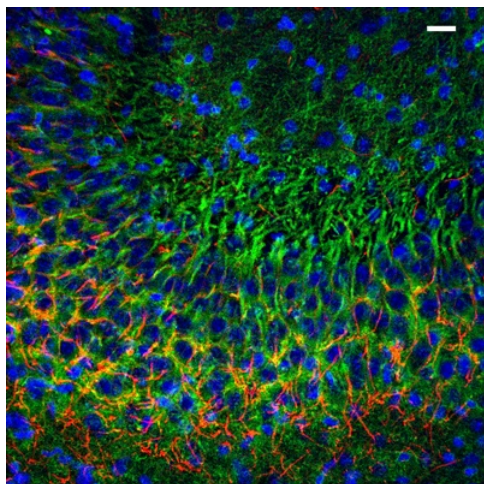


Product Details

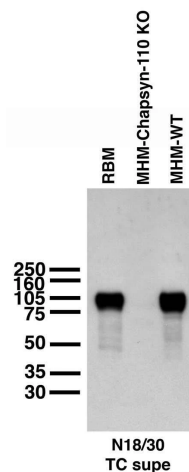
Available Variants	100 µL (SKU:75-057)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N18/30
Gene Name	Dlg2 Dlg2
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:100
Species Reactivity	Human, Mouse, Rabbit, Rat
Immunogen	Fusion protein amino acids 1-852 of rat Chapsyn-110 (accession number Q63622) produced recombinantly in E. Coli
Specificity	No cross-reactivity against other MAGUK family members PSD-95, SAP97, SAP102 expressed in transfected cells
Molecular Weight	110 kDa

Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2277296
UniProt ID	Q63622
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

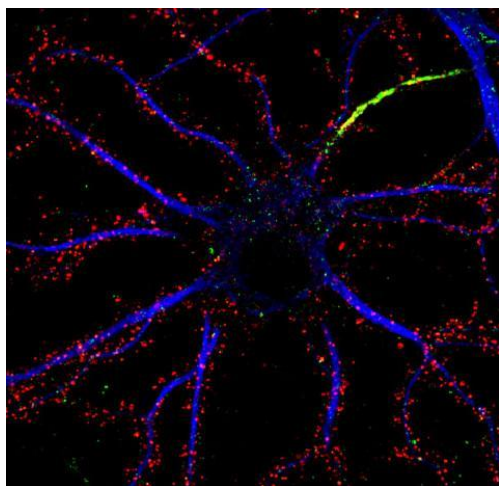
Product Images



Immunolabeling of postnatal 14 mouse CA3 specifically labeling PSD93 (Cat. 75-057, 1:400, green) and Ankyrin G (red). DNA labeled with DAPI. Mice were transcardially perfused with ice-cold 4% paraformaldehyde in PBS, then brain removed and postfixed overnight. The 50uM slices were floating sections. Objective 25x, scale bar = 20um. Images kindly provided by Jorge Ramirez-Franco and Oussama El Far, Aix-Marseille Université and INSERM.



Immunoblot against crude membranes from whole adult rat brain (RBM) or hippocampi (MHM) from adult PSD-93/Chapsyn-110 knockout (KO) or wild-type (WT) mice. Mouse samples courtesy of Richard Huganir (Johns Hopkins University).



Immunofluorescence staining of cultured rat hippocampal neurons with N18/30 (red), K13/31 (Kv1.4, green) and rabbit anti-MAP2 (blue). Image courtesy of Yasuhiro Ogawa and Matthew Rasband (Baylor College of Medicine).

Product Page URL: www.antibodiesinc.com/products/anti-chapsyn-110-psd-93-antibody-n18-30-75-057



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