

Product Datasheet

Anti-SAPAP3 Antibody FL490 Conjugate



Overview

Catalog #	75-502-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	L126/93
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 790-977 (C-terminus) of mouse SAPAP3 (accession number Q6PFD5) produced recombinantly in E. Coli
Molecular Weight	110 kDa
Cite this Antibody	Antibodies Inc Cat# 75-502-FL490, RRID: AB_2940672

Details

Target Description	Disks large-associated protein 3, SAP90/PSD-95-Associated Protein 3 or SAPAP3 is encoded by the gene DLGAP3 and is a member of the SAPAP or DLGAP family of proteins. SAPAP3 acts as a scaffold protein and is involved with glutamate receptor signaling. SAPAP3 is highly expressed in the central and peripheral nervous system. Within the cell, SAPAP3 is found at the postsynaptic density. Diseases associated with DLGAP3 include Trichotillomania and Body Dysmorphic Disorder.
Specificity	Does not cross-react with SAPAP2/DLGAP2 and other SAPAP/DLGAP proteins
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used to probe brain lysate.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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