

## Product Datasheet

## Anti-SAPAP3 Antibody FL550 Conjugate



## Overview

<b>Catalog #</b>	75-502-FL550
<b>Conjugate</b>	FL550 Ex: 550 nm, Em: 575 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	L126/93
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC, IHC
<b>Species Reactivity</b>	Mouse and Rat
<b>Immunogen</b>	Fusion protein amino acids 790-977 (C-terminus) of mouse SAPAP3 (accession number Q6PFD5) produced recombinantly in E. Coli
<b>Molecular Weight</b>	110 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-502-FL550, RRID: AB_2940673

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	Does not cross-react with SAPAP2/DLGAP2 and other SAPAP/DLGAP proteins
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	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.
<b>Storage</b>	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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