

Product Datasheet

Anti-SAPAP1 Antibody FL490 Conjugate



Overview

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|---------------------------|---|
| Catalog # | 75-468-FL490 |
| Conjugate | FL490 Ex: 491 nm, Em: 515 nm |
| Isotype | IgG1 |
| Clone Number | N238/30 |
| 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 | Human, Mouse, and Rat |
| Immunogen | Fusion protein amino acids 772-992 (C-terminus) of rat SAPAP1 (accession number P97836) produced recombinantly in E. Coli |
| Molecular Weight | 110 kDa (varies due to post-translational modifications) |
| Cite this Antibody | Antibodies Inc Cat# 75-468-FL490, RRID: AB_2940560 |

Details

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|------------------------------|--|
| Target Description | SAPAP1 (also known as disks large associated protein 1, DAP-1, or DLGAP1) is a member of the SAPAP or DLGAP family of proteins. SAPAP1 is part of the scaffold in neuronal cells of the brain and is a component of the postsynaptic complex. SAPAP1 acts as an adaptor protein that binds synaptic scaffold proteins, cytoskeletal proteins and signaling proteins including PSD-95 and SHANK. SAPAP1 is expressed in neurons of the cortex, hippocampus and in Purkinje cells in the cerebellum. Diseases associated with DLGAP1 include Retinitis Pigmentosa 55 and Obsessive-Compulsive Disorder |
| Specificity | No cross-reactivity reported |
| 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 antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern. |

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.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience our 50+ year passion for science.

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