

Anti-Pan-SAPAP Antibody

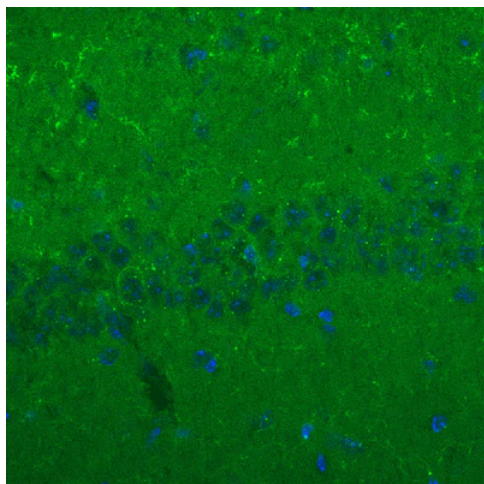


Product Details

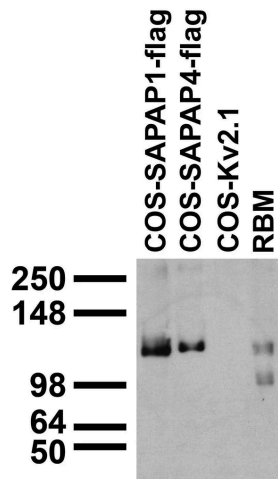
Available Variants	100 µL (SKU:75-156)
Conjugate	Unconjugated
Isotype	IgG2b
Clone	N127/31
Gene Name	DLGAP1 DAP1 GKAP DLGAP2 C8orf68 DAP2 ERICH1-AS1 DLGAP3 DAP3 DLGAP4 DAP4 KIAA0964 SAPAP4
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.82
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, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 772-992 (C-terminus) of rat SAPAP1 (accession number P97836) produced recombinantly in E. Coli
Specificity	Cross-reacts with other SAPAPs
Molecular Weight	120 kDa (SAPAP2), 110 kDa (SAPAP1/3/4)

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_10671947
UniProt ID	P97836
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.

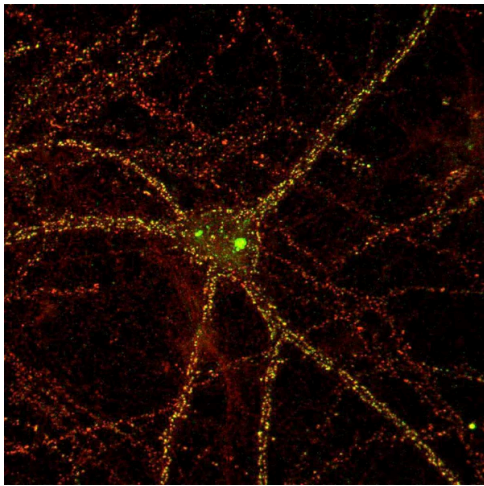
Product Images



Immunolabeling of mouse hippocampus identifying GKAP (Anti-SAPAP, Cat no 75-156, green). Nuclear staining done with DAPI. Image kindly provided by Huaye Zhang, Department of Neuroscience and Cell Biology, Rutgers Robert Wood Johnson Medical School.



Adult RBM and transfected cell immunoblot: extracts of RBM and COS cells transiently transfected with Flag-tagged SAPAP1, SAPAP4 or untagged Kv2.1 plasmids and probed with N127/31 TC supe.



Cultured rat interneuron immunofluorescence staining. N127/31 (Pan-SAPAP) = green, rabbit anti-PSD-95 = red. Image courtesy of Dieter Edbauer and Morgan Sheng, Picower Institute.

Product Page URL: www.antibodiesinc.com/products/anti-pan-sapap-antibody-n127-31-75-156



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