

Product Name: SAP97 (17L12) Rabbit Monoclonal Antibody
Catalog #: AMRe17599

Summary

Production Name	SAP97 (17L12) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	DLG1
Alternative Names	DLG1; DLGH1; hDlg; SAP97;
Gene ID	1739.0
SwissProt ID	Q12959.A synthetic peptide of human SAP97

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	101kDa

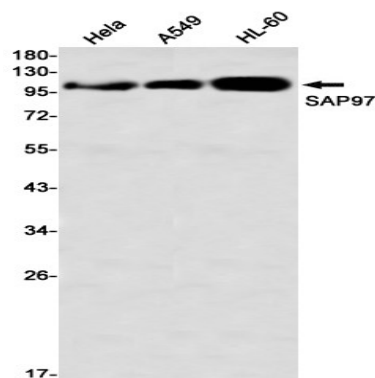
Background

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Essential multidomain scaffolding protein required for normal development (By similarity). Recruits channels, receptors and signaling molecules to discrete plasma membrane domains in polarized cells. Essential multidomain scaffolding protein required for normal development (By similarity). Recruits channels, receptors and signaling molecules to discrete plasma membrane domains in polarized cells. May play a role in adherens junction assembly, signal transduction, cell proliferation, synaptogenesis and lymphocyte activation. Regulates the excitability of cardiac myocytes by modulating the functional expression of Kv4 channels. Functional regulator of Kv1.5 channel. During long-term depression in hippocampal neurons, it recruits ADAM10 to the plasma membrane (PubMed:23676497).

Research Area

Image Data



Western blot detection of SAP97 in HeLa,A549,HL-60 using SAP97 antibody(1:1000 diluted)

Note

For research use only.