



SAPAP1 Monoclonal Antibody

Catalog No	YP-mAb-12801
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	DLGAP1
Immunogen	The antiserum was produced against synthesized peptide derived from human DLGP1. AA range:791-840
Specificity	SAPAP1 Monoclonal Antibody detects endogenous levels of SAPAP1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DAP 1;DAP 1 ALPHA;DAP 1 BETA;DAP1;DLGAP1;GKAP;hGKAP;PSD 95/SAP90 binding protein 1;SAPAP1;Disks large-associated protein 1;DAP-1;Guanylate kinase-associated protein;PSD-95/SAP90-binding protein 1;SAP90/PSD-95-associated protein 1
Observed Band	108kD
Calculated Molecular Weight	108kD
Cell Pathway	Cell membrane ; Peripheral membrane protein . Cell junction, synapse, postsynaptic density . Cell junction, synapse .
Tissue Specificity	Expressed in brain.
Function	function:Part of the postsynaptic scaffold in neuronal cells.,similarity:Belongs to the SAPAP family.,subcellular location:Found in postsynaptic density of neuronal cells.,subunit:Interacts with guanylate kinase-like domain of DLG1, DLG2, DLG3, DLG4 and AIP1. Interacts with the PDZ domain of SHANK1, SHANK2 and SHANK3. Found in a complex with DLG4 and SHANK1, SHANK2 or SHANK3. Found in a complex with DLG4 and BEGAIN. Interacts with DYL2 and LRFN1.,tissue specificity:Expressed in brain.,



Background

function:Part of the postsynaptic scaffold in neuronal cells.,similarity:Belongs to the SAPAP family.,subcellular location:Found in postsynaptic density of neuronal cells.,subunit:Interacts with guanylate kinase-like domain of DLG1, DLG2, DLG3, DLG4 and AIP1. Interacts with the PDZ domain of SHANK1, SHANK2 and SHANK3. Found in a complex with DLG4 and SHANK1, SHANK2 or SHANK3. Found in a complex with DLG4 and BEGAIN. Interacts with DYL2 and LRFN1.,tissue specificity:Expressed in brain.,

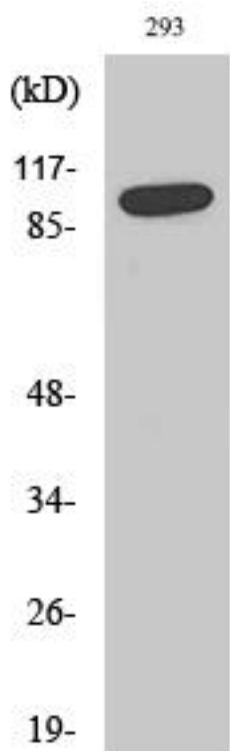
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using SAPAP1 Monoclonal Antibody