

ARG45131
anti-SAP102 antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SAP102
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SAP102
Species	Human
Immunogen	Recombinant protein containing to human SAP102.
Conjugation	Un-conjugated
Alternate Names	DLG3; MRX; SAP102; NEDLG; SAP-102; Neuroendocrine-DLG; Synapse-associated protein 102; MRX90; Disks large homolog 3; PPP1R82; XLMR

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5-1 µg/ml
	WB	0.1-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	102 kDa	

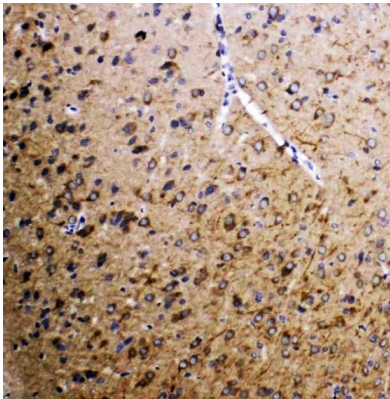
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	DLG3
Gene Full Name	Disks large homolog 3
Background	This gene encodes a member of the membrane-associated guanylate kinase protein family. The encoded protein may play a role in clustering of NMDA receptors at excitatory synapses. It may also negatively regulate cell proliferation through interaction with the C-terminal region of the adenomatosis polyposis coli tumor suppressor protein. Mutations in this gene have been associated with X-linked mental retardation. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2009]
Function	Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling. [UniProt]
Calculated Mw	90 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	adherens junction; AMPA glutamate receptor complex; basolateral plasma membrane; bicellular tight junction; cytosol; extracellular space; glutamatergic synapse neuromuscular junction; neuron projection; plasma membrane; postsynaptic density membrane. [UniProt]

Images



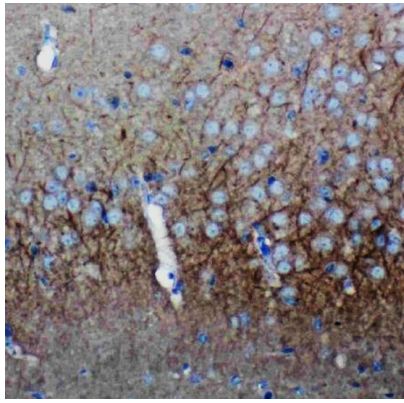
ARG45131 anti-SAP102 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45131 anti-SAP102 antibody at 1 µg/ml dilution.



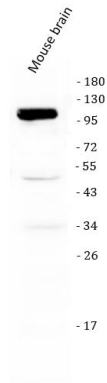
ARG45131 anti-SAP102 antibody WB image

Western blot: Rat brain stained with ARG45131 anti-SAP102 antibody at 0.5 µg/ml dilution.



ARG45131 anti-SAP102 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45131 anti-SAP102 antibody at 1 µg/ml dilution.



ARG45131 anti-SAP102 antibody WB image

Western blot: Mouse brain stained with ARG45131 anti-SAP102 antibody at 0.5 µg/ml dilution.