

Product Name: SynGAP Rabbit Monoclonal Antibody
Catalog #: AMRe01455



Summary

Production Name	SynGAP Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	SYNGAP1
Alternative Names	MRD5; p135 SynGAP; RASA1; RASA5; SYNGAP1
Gene ID	8831
SwissProt ID	Q96PV0.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 148 kDa; Observed MW: 148 kDa

Background

Major constituent of the PSD essential for postsynaptic signaling. Inhibitory regulator of the Ras-cAMP pathway. Member

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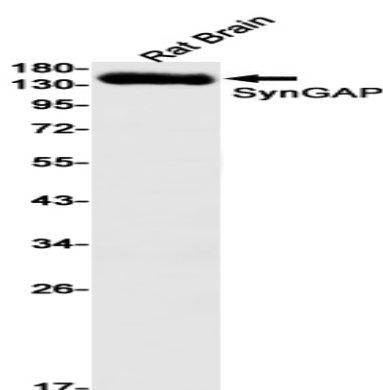


of the NMDAR signaling complex in excitatory synapses, it may play a role in NMDAR-dependent control of AMPAR potentiation, AMPAR membrane trafficking and synaptic plasticity.

Research Area

Neuroscience

Image Data



Western blot analysis of SynGAP in rat Brain lysates using SynGAP antibody.

Note

For research use only.