

SynGAP Rabbit mAb

Catalog # AP74868

Product Information

Application	WB
Primary Accession	Q96PV0
Reactivity	Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	148284

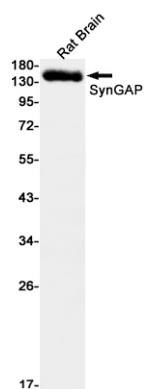
Additional Information

Gene ID	8831
Other Names	SYNGAP1
Dilution	WB~~1/500-1/1000
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Protein Information

Name	SYNGAP1
Synonyms	KIAA1938
Function	Major constituent of the PSD essential for postsynaptic signaling. Inhibitory regulator of the Ras-cAMP pathway. Member 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. Regulates AMPAR-mediated miniature excitatory postsynaptic currents. Exhibits dual GTPase-activating specificity for Ras and Rap. May be involved in certain forms of brain injury, leading to long-term learning and memory deficits (By similarity).

Images



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