

SynGAP Rabbit mAb
Catalog # AP74868**Specification**

SynGAP Rabbit mAb - Product Information

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

SynGAP Rabbit mAb - 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.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**SynGAP Rabbit mAb - 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).

SynGAP Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SynGAP Rabbit mAb - Images

