

Anti-SynGAP Rabbit Monoclonal Antibody
Catalog # ABO14589**Specification**

Anti-SynGAP Rabbit Monoclonal Antibody - Product Information

Application	WB, IF, ICC, FC
Primary Accession	Q96PV0
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-SynGAP Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-SynGAP Rabbit Monoclonal Antibody - Additional Information

Gene ID 8831

Other Names

Ras/Rap GTPase-activating protein SynGAP, Neuronal RasGAP, Synaptic Ras GTPase-activating protein 1, Synaptic Ras-GAP 1, SYNGAP1, KIAA1938

Application Details

WB 1:500-1:2000
ICC/IF 1:50-1:200
FC 1:50

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human SynGAP

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-SynGAP Rabbit Monoclonal Antibody - Protein Information

Name SYNGAP1

Synonyms KIAA1938

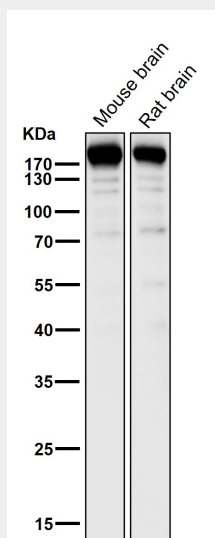
Function

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).

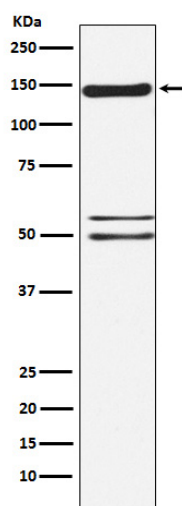
Anti-SynGAP Rabbit Monoclonal Antibody - Protocols

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](#)

Anti-SynGAP Rabbit Monoclonal Antibody - Images

All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



Western blot analysis of SynGAP expression in human fetal brain lysate.