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Datasheet for ABIN7167411
anti-SYNGAP1 antibody (AA 1161-1343) (FITC)

Overview

Quantity:	100 µL
Target:	SYNGAP1
Binding Specificity:	AA 1161-1343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYNGAP1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Ras/Rap GTPase-activating protein SynGAP protein (1161-1343AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SYNGAP1
Alternative Name:	SYNGAP1 (SYNGAP1 Products)
Background:	Background: Major constituent of the PSD essential for postsynaptic signaling. Inhibitory regulator of the Ras-cAMP pathway. Member of the NMDAR signaling complex in excitatory

Target Details

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).

Aliases: DKFZp761G1421 antibody, KIAA1938 antibody, MRD5 antibody, Neuronal RasGAP antibody, OTTHUMP00000064825 antibody, p135 SynGAP antibody, Ras GTPase activating protein SynGAP antibody, Ras GTPase-activating protein SynGAP antibody, RASA 1 antibody, RASA 5 antibody, RASA1 antibody, RASA5 antibody, SYGP1_HUMAN antibody, Synaptic Ras GAP 1 antibody, Synaptic Ras GTPase activating protein 1 antibody, Synaptic Ras GTPase activating protein 1 homolog antibody, Synaptic Ras GTPase activating protein 135 kDa antibody, Synaptic Ras GTPase activating protein antibody, Synaptic Ras GTPase-activating protein 1 antibody, Synaptic Ras-GAP 1 antibody, SYNGAP 1 antibody, SYNGAP1 antibody

UniProt: [Q96PV0](#)

Pathways: [Regulation of long-term Neuronal Synaptic Plasticity](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.