
Product Name: SynGAP Rabbit Polyclonal Antibody**Catalog #: APRab00282**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,FC 1:50-1:100
Molecular Weight	Calculated MW: 148 kDa; Observed MW: 148 kDa

Antigen Information

Gene Name	SYNGAP1
Alternative Names	MRD5; p135 SynGAP; RASA1; RASA5; SYNGAP1
Gene ID	8831
SwissProt ID	Q96PV0
Immunogen	A synthetic peptide of human SynGAP

Background

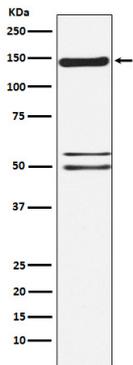
Major constituent of the PSD essential for postsynaptic signaling. Inhibitory regulator of the Ras-cAMP pathway. Member of the NMDAR signaling complex in excitatory synapses, it may play a role in NMDAR-dependent control of AMPAR potentiation,

AMPA membrane trafficking and synaptic plasticity.

Research Area

Neuroscience

Image Data



Western blot analysis of SynGAP in Human fetal brain lysates using SynGAP antibody.