

**Product Name: SynGAP Rabbit Monoclonal Antibody****Catalog #: AMRe85148**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 148 kDa; Observed MW: 148 kDa

**Antigen Information**

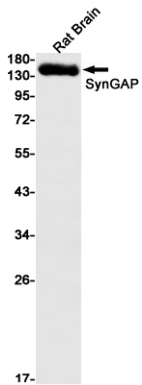
<b>Gene Name</b>	SynGAP
<b>Alternative Names</b>	MRD5; p135 SynGAP; RASA1; RASA5; SYNGAP1
<b>Gene ID</b>	8831.0
<b>SwissProt ID</b>	Q96PV0
<b>Immunogen</b>	A synthetic peptide of human SynGAP

**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, AMPAR membrane trafficking and synaptic plasticity.

## Research Area

## Image Data



Western blot analysis of SynGAP in rat Brain lysates using SynGAP antibody.