

**Product Name: SynGAP Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01455**



## Summary

<b>Production Name</b>	SynGAP Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	SYNGAP1
<b>Alternative Names</b>	MRD5; p135 SynGAP; RASA1; RASA5; SYNGAP1
<b>Gene ID</b>	8831
<b>SwissProt ID</b>	Q96PV0

## Application

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

## Background

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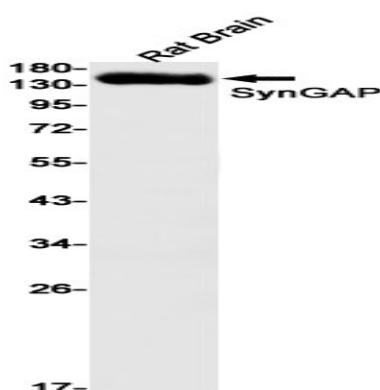


Major constituent of the PSD essential for postsynaptic signaling. Inhibitory regulator of the Ras-cAMP pathway. Member of the NMDAR signaling complex in excitatory synapses, it may play a role in NMDAR-dependent control of AMPAR potentiation, AMPAR membrane trafficking and synaptic plasticity.

## Research Area

Neuroscience

## Image Data



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

## Note

For research use only.