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**Product Name: RGS6 (3A18) Rabbit Monoclonal Antibody****Catalog #: AMRe17100**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<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>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000
<b>Molecular Weight</b>	54kDa

**Antigen Information**

<b>Gene Name</b>	RGS6
<b>Alternative Names</b>	GAP; RGS6; S914;
<b>Gene ID</b>	9628.0
<b>SwissProt ID</b>	P49758
<b>Immunogen</b>	A synthetic peptide of human RGS6

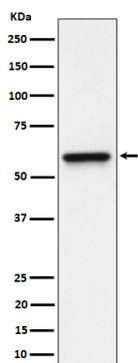
**Background**

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their

inactive GDP-bound form. Activity on G(o)-alpha is specifically enhanced by the RGS6/Gbeta5 dimer. Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. The RGS6/GNB5 dimer enhances GNAO1 GTPase activity (PubMed:10521509).

## Research Area

## Image Data



Western blot analysis of RGS6 expression in HeLa cell lysate.