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**Product Name: GNAQ Rabbit Monoclonal Antibody****Catalog #: AMRe02051**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	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>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 42 kDa; Observed MW: 42 kDa

**Antigen Information**

<b>Gene Name</b>	GNAQ
<b>Alternative Names</b>	GAQ; SWS; CMC1; G-ALPHA-q
<b>Gene ID</b>	2776
<b>SwissProt ID</b>	P50148
<b>Immunogen</b>	A synthetic peptide of human GNAQ

**Background**

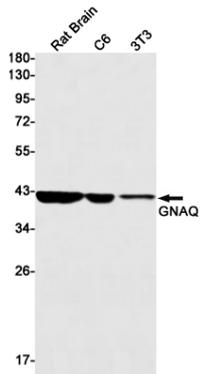
Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Regulates B-cell selection and survival and is required to prevent B-cell-dependent autoimmunity. Regulates

chemotaxis of BM-derived neutrophils and dendritic cells (in vitro) .

## Research Area

Cardiovascular

## Image Data



Western blot analysis of GNAQ in rat Brain, C6, 3T3 lysates using GNAQ antibody.