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## **GNAQ (M) Antibody, Rabbit Polyclonal**

**Cat#: R2718-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 42 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P50148**

### **Background:**

Guanine nucleotide-binding protein G(q) subunit alpha (GNAQ) belongs to the G-alpha family and the G(q) subfamily. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. GNAQ regulates B-cell selection and survival and is required to prevent B-cell-dependent autoimmunity. GNAQ also regulates chemotaxis of BM-derived neutrophils and dendritic cells (in vitro).

### **Other Names:**

Guanine nucleotide-binding protein G(q) subunit alpha, Guanine nucleotide-binding protein alpha-q, GAQ

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human GNAQ. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

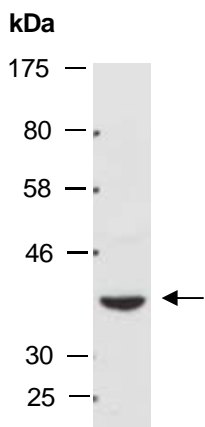
Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from mouse brain; using anti-GNAQ (M) (R2718-2) at RT for 2 h.