

# GNAQ Rabbit pAb

Catalog No.: A8945

## Basic Information

### Observed MW

42kDa

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human

## Background

This locus encodes a guanine nucleotide-binding protein. The encoded protein, an alpha subunit in the Gq class, couples a seven-transmembrane domain receptor to activation of phospholipase C-beta. Mutations at this locus have been associated with problems in platelet activation and aggregation. A related pseudogene exists on chromosome 2.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

2776

### Swiss Prot

P50148

### Immunogen

A synthetic peptide of human GNAQ

### Synonyms

GAQ; SWS; CMAL; CMC1; G-ALPHA-q; GNAQ

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

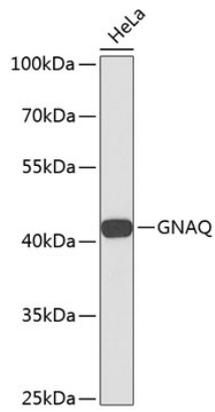
### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

## Validation Data

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Western blot analysis of extracts of HeLa cells, using GNAQ antibody (A8945).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.