# **GNAQ Rabbit mAb**

Catalog No.: A21111 Recombinant 1 Publications



# **Basic Information**

#### **Observed MW**

42kDa

### **Calculated MW**

42kDa

### Category

Primary antibody

# **Applications**

WB,IHC-P,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC3048

# **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 phospolipase 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 - 1:1000

IHC-P 1:1000 - 1:5000

**ELISA** Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID**2776

Swiss Prot

P50148

### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

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

## **Contact**

<u>a</u>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\odot$	Т	www.abclonal.com.cn

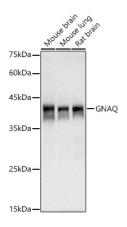
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

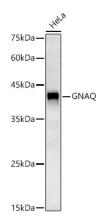


Western blot analysis of various lysates using GNAQ Rabbit mAb (A21111) at1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



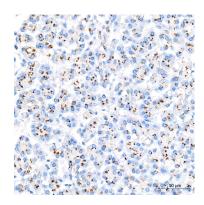
Western blot analysis of lysates from HeLa cells, using GNAQ Rabbit mAb (A21111) at1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit  $lgG\ (H+L)\ (AS014)\ at\ 1:10000\ dilution.$ 

Lysates/proteins: 25µg per lane.

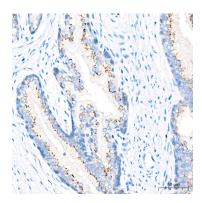
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

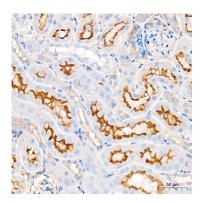
Exposure time: 180s.



Immunohistochemistry analysis of paraffinembedded Human pancreas tissue using GNAQ Rabbit mAb (A21111) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human prostate tissue using GNAQ Rabbit mAb (A21111) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat kidney tissue using GNAQ Rabbit mAb (A21111) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.