

GNAQ Rabbit mAb

Catalog NO.: A211111 **Recombinant** **1 Publications**

Basic Information

Observed MW

42kDa

Calculated MW

42kDa

Category

Monoclonal Antibodies

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Clone 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 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 - 1:1000

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	Swiss Prot
2776	P50148

Immunogen

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

Synonyms

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

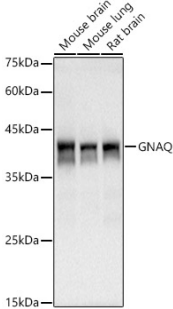
Contact

Product Information

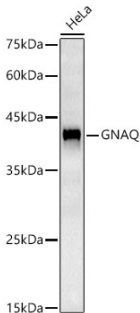
☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.		

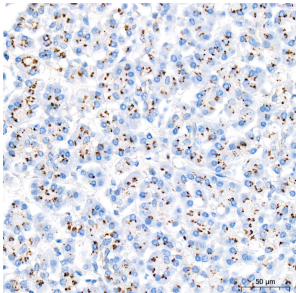
Validation Data



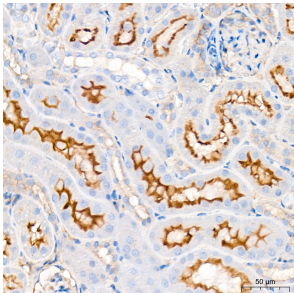
Western blot analysis of various lysates using GNAQ Rabbit mAb (A21111) at1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 60s.



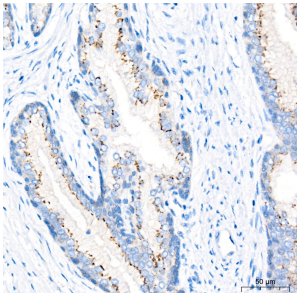
Western blot analysis of lysates from HeLa cells, using GNAQ Rabbit mAb (A21111) at1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using GNAQ Rabbit mAb (A21111) at a dilution of 1:2000 (40x



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using GNAQ Rabbit mAb (A21111) at a dilution of 1:2000 (40x lens). High



Immunohistochemistry analysis of paraffin-embedded Human prostate tissue using GNAQ Rabbit mAb (A21111) at a dilution of 1:2000 (40x lens). High

lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

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