

## Anti-GNAQ Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

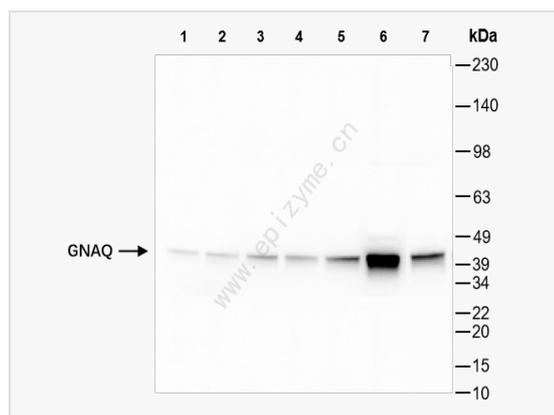
Catalog # R015370

### Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	84F25F60
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human GNAQ
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-GNAQ Rabbit mAb [84F25F60] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	CMC1; G alpha Q; G protein alpha Q; G protein subunit alpha q; G-ALPHA-q; GAQ; GNAQ; GNAQ_HUMAN; guanine nucleotide binding protein (G protein), q polypeptide; Guanine nucleotide binding protein alpha q; guanine nucleotide binding protein G protein q polypeptide; Guanine nucleotide binding protein G q subunit alpha; Guanine nucleotide-binding protein alpha-q; Guanine nucleotide-binding protein G(q) subunit alpha; SWS.
Calculated MW	Calculated MW: 42 kDa; Observed MW: 42 kDa
Uniprot ID	P50148
Gene ID	2776
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.[provided by RefSeq, Nov 2010]
Tissue Location	Predominantly expressed in ovary, prostate, testis and colon.



Western Blot - Anti-GNAQ Rabbit mAb [84F25F60]

All lanes: R015370 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

Lane 5: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 6: Mouse brain whole tissue lysates

Lane 7: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 42 kDa

Observed band size: 42 kDa

Developed using the ECL technique (Cat. No. SQ201).