

GNAQ Rabbit pAb

CatalogNo: YN6244

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 39kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human GNAQ

Specificity This antibody detects endogenous levels of GNAQ at Human, Mouse, Rat

| Target Information

Gene name GNAQ GAQ

Protein Name	Guanine nucleotide-binding protein G(q) subunit alpha (Guanine nucleotide-binding protein alpha-q)		
	Organism	Gene ID	UniProt ID
	Human	2776;	P50148;
	Mouse	14682;	P21279;
	Rat	81666;	P82471;
Cellular Localization	Cell membrane ; Lipid-anchor . Golgi apparatus . Nucleus . Nucleus membrane . Colocalizes with the adrenergic receptors, ADREN1A and ADREN1B, at the nuclear membrane of cardiac myocytes. .		
Tissue specificity	Predominantly expressed in ovary, prostate, testis and colon. Down-regulated in the peripheral blood lymphocytes (PBLs) of rheumatoid arthritis patients (at protein level).		
Function	Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Regulates B-cell selection and survival and is required to prevent B-cell-dependent autoimmunity. Regulates chemotaxis of BM-derived neutrophils and dendritic cells (in vitro) (By similarity). Transduces FFAR4 signaling in response to long-chain fatty acids (LCFAs).		

Validation Data

Contact information

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 product information:
GNAQ Rabbit pAb

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