

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)												
	<table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; border-bottom: 1px solid #ccc;">Organism</th> <th style="text-align: center; border-bottom: 1px solid #ccc;">Gene ID</th> <th style="text-align: center; border-bottom: 1px solid #ccc;">UniProt ID</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Human</td> <td style="text-align: center;">2776;</td> <td style="text-align: center;">P50148;</td> </tr> <tr> <td style="text-align: center;">Mouse</td> <td style="text-align: center;">14682;</td> <td style="text-align: center;">P21279;</td> </tr> <tr> <td style="text-align: center;">Rat</td> <td style="text-align: center;">81666;</td> <td style="text-align: center;">P82471;</td> </tr> </tbody> </table>	Organism	Gene ID	UniProt ID	Human	2776;	P50148;	Mouse	14682;	P21279;	Rat	81666;	P82471;
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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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Please scan the QR code to access additional product information:
GNAQ Rabbit pAb

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