

bs-6152R**[Primary Antibody]****GNAQ Rabbit pAb****BioSS**
ANTIBODIES

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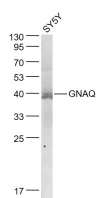
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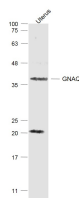
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog, Horse)
GeneID: 2776	SWISS: P50148	Predicted MW.: 42 kDa
Target: GNAQ		Subcellular Location: Cell membrane ,Nucleus
Immunogen: KLH conjugated synthetic peptide derived from human GNAQ: 51-150/359.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: GNAQ belong to the family of heterotrimeric Guanine nucleotide-binding proteins proteins that couple cell surface, 7-transmembrane domain receptors to intracellular signaling pathways. Receptor activation catalyzes the exchange of GTP for GDP bound to the inactive G protein alpha subunit resulting in a conformational change and dissociation of the complex. GNAQ is the alpha subunit of one of the heterotrimeric GTP-binding proteins that mediates stimulation of phospholipase C-beta. in recent studies over expression of GNAQ is associated with cardiomyocyte apoptosis.		

— VALIDATION IMAGES —

Sample: SY5Y(Human) Cell Lysate at 30 ug
Primary: Anti-GNAQ (bs-6152R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 42 kD Observed band size: 42 kD



Sample: Uterus (Mouse) Lysate at 40 ug Primary:
Anti-GNAQ (bs-6152R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 42 kD
Observed band size: 42 kD