

bs-3940R**[Primary Antibody]****Bioss**
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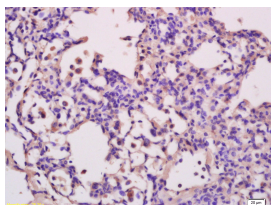
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G protein beta 4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Cow, Chicken, Horse) Predicted MW.: 37 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 59345	SWISS: Q9HAV0	
Target: G protein beta 4		
Immunogen: KLH conjugated synthetic peptide derived from human G protein beta 4: 51-150/340.		
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: Guanine nucleotide binding proteins (G proteins) are membrane associated, heterotrimeric proteins composed of three subunits: alpha, beta and gamma. The G protein beta subunit assumes a barrel shaped beta propeller structure containing WD40 repeats preceded by an N terminal alpha helix. The beta subunit forms a stable dimer with the gamma subunit. The alpha subunit only contacts the beta subunit in the dimer, lying on the opposite face from the gamma subunit. G proteins and their receptors (GPCRs) regulate systems as diverse as sensory perception, cell growth and hormonal regulation.		

— VALIDATION IMAGES —

Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-G protein beta 4/GNB4 Polyclonal Antibody, Unconjugated(bs-3940R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining