

bs-8812R**[Primary Antibody]****phospho-GNA12 (Ser40) Rabbit pAb****Bioss**
ANTIBODIES

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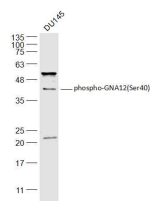
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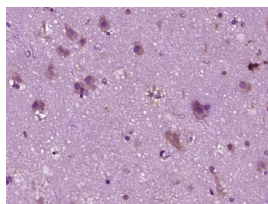
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Sheep, Cow) Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 2768	SWISS: Q03113	
Target: GNA12 (Ser40)		
Immunogen: KLH conjugated synthetic peptide derived from human GNA12: RR(p-S)RD.		
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 modulators or transducers in various transmembrane signaling systems. G proteins are composed of 3 subunits; alpha, beta and gamma. The alpha chain contains the guanine nucleotide binding site.		

— VALIDATION IMAGES —

Sample: DU145(Human) Cell Lysate at 30 ug
 Primary: Anti-phospho-GNA12(Ser40) (bs-8812R)
 at 1/300 dilution Secondary: IRDye800CW Goat
 Anti-Rabbit IgG at 1/20000 dilution Predicted
 band size: 44 kD Observed band size: 44 kD



Paraformaldehyde-fixed, paraffin embedded
 (human brain glioma); Antigen retrieval by
 boiling in sodium citrate buffer (pH6.0) for
 15min; Block endogenous peroxidase by 3%
 hydrogen peroxide for 20 minutes; Blocking
 buffer (normal goat serum) at 37°C for 30min;
 Antibody incubation with (GNA12(Ser40))
 Polyclonal Antibody, Unconjugated (bs-8812R)
 at 1:400 overnight at 4°C, followed by operating
 according to SP Kit(Rabbit) (sp-0023)
 instructions and DAB staining.