

bs-9547R**[Primary Antibody]****PGGT1A Rabbit pAb****BioSS**
ANTIBODIES

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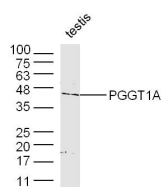
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)
GeneID: 2339	SWISS: P49354	
Target: PGGT1A		Predicted MW.: 44 kDa
Immunogen: KLH conjugated synthetic peptide derived from human PGGT1A/FNTA: 301-379/379.		Subcellular Location: Cytoplasm
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: FNTA, also known as CAAX farnesyltransferase (FTase), attaches a farnesyl group from farnesyl pyrophosphate to cysteine residues at the fourth position from the C terminus of proteins that end in the so-called CAAX box, where C is cysteine, A is usually but not always an aliphatic amino acid, and X is typically methionine or serine. This type of posttranslational modification provides a mechanism for membrane localization of proteins that lack a transmembrane domain. This enzyme has the remarkable property of farnesylating peptides as short as four residues in length that conform to the CAAX consensus sequence. FNTA is also a specific cytoplasmic interactor of the transforming growth factor-beta and activin type I receptors. It is likely to be a key component of the signaling pathway which involves p21ras, an important substrate for farnesyltransferase.		

— VALIDATION IMAGES —

Sample: Testis (Mouse) Lysate at 40 ug Primary:

Anti-PGGT1A (bs-9547R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 44 kD

Observed band size: 44 kD