

**bs-12334R****[ Primary Antibody ]****GCNT1 Rabbit pAb****BioSS**  
**ANTIBODIES**

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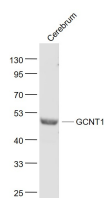
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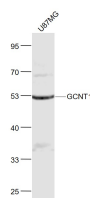
400-901-9800

**— DATASHEET —**

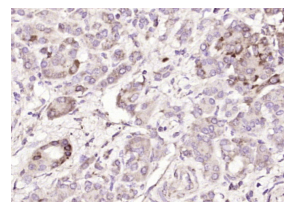
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Sheep, Cow, Dog)  <b>Predicted MW.:</b> 50 kDa  <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 2650	<b>SWISS:</b> Q02742	
<b>Target:</b> GCNT1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from Human GCNT1: 201-260/428.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> GCNT1 is expressed in a variety of cell types, including lymphocytes and mucin-producing cells. Specifically, GCNT1 expression in leukocytes regulates the synthesis of core 2 O-glycans that carry sialyl-Lewis x (sLex) oligosaccharides, which confer high affinity binding to Selectins. Downregulation of Selectin ligand expression levels has been shown to inhibit tissue infiltration. Therefore, GCNT1 represents a potential drug target for the treatment of inflammatory disorders and other pathologies involving Selectins.		

**— VALIDATION IMAGES —**

Sample: Cerebrum (Mouse) Lysate at 40 ug  
Primary: Anti- GCNT1 (bs-12334R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 50 kD Observed band size: 50 kD



Sample: U87MG (Human) Cell Lysate at 30 ug  
Primary: Anti- GCNT1 (bs-12334R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 50 kD Observed band size: 52 kD



Paraformaldehyde-fixed, paraffin embedded  
(human pancreatic cancer); 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 (GCNT1) Polyclonal  
Antibody, Unconjugated (bs-12334R) at 1:200  
overnight at 4°C, followed by operating  
according to SP Kit(Rabbit) (sp-0023)  
instructions and DAB staining.