

bs-12706R**[Primary Antibody]****Bioss**
ANTIBODIES

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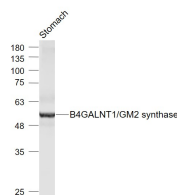
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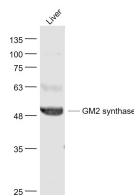
400-901-9800

B4GALNT1/GM2 synthase Rabbit pAb**— DATASHEET —**

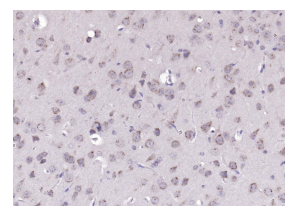
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Sheep, Cow, Dog, Horse) Predicted MW.: 59 kDa Subcellular Location: Extracellular matrix ,Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 2583	SWISS: Q00973	
Target: B4GALNT1/GM2 synthase		
Immunogen: KLH conjugated synthetic peptide derived from human B4GALNT1/GM2 synthase: 451-533/533.		
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: GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]		

— VALIDATION IMAGES —

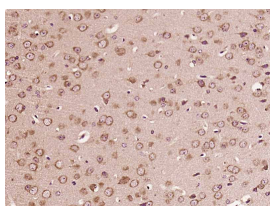
Sample: Stomach (Mouse) Lysate at 40 ug
Primary: Anti- B4GALNT1/GM2 synthase (bs-12706R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 59 kD
Observed band size: 59 kD



Sample: Liver (Mouse) Lysate at 40 ug
Primary: Anti- B4GALNT1/GM2 synthase (bs-12706R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 59 kD
Observed band size: 53 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (B4GALNT1) Polyclonal Antibody, Unconjugated (bs-12706R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (B4GALNT1) Polyclonal

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Antibody, Unconjugated (bs-12706R) at 1:400
overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.