

**bs-13379R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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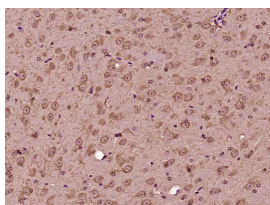
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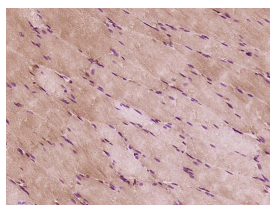
400-901-9800

**GLT25D2 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 23127	<b>SWISS:</b> Q8IYK4	
<b>Target:</b> GLT25D2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human GLT25D2: 501-600/626.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Pig, Sheep, Cow, Chicken, Horse)
<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> GLT25D2 is a 626 amino acid protein that localizes to endoplasmic reticulum lumen and belongs to the glycosyltransferase 25 family. Possessing beta-galactosyltransferase activity, GLT25D2 transports beta-galactose to hydroxylysine residues on collagen but lacks glucosyltransferase activity. GLT25D2 is expressed in skeletal muscle and brain, and is encoded by a gene located on human chromosome 1q25.3, a region associated with the hereditary prostate cancer (HPC1) locus. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes, comprises nearly 8% of the human genome and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.		
		<b>Predicted MW.:</b> 70 kDa
		<b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

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 (GLT25D2) Polyclonal Antibody, Unconjugated (bs-13379R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat skeletal muscle); 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 (GLT25D2) Polyclonal Antibody, Unconjugated (bs-13379R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.