

bs-13379R**[Primary Antibody]****GLT25D2 Rabbit pAb****BioSS**
ANTIBODIES

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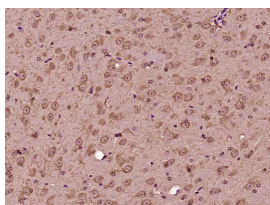
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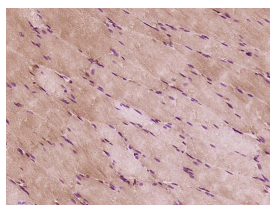
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 23127	SWISS: Q8IYK4	IF (1:100-500)
Target: GLT25D2		Reactivity: Mouse, Rat (predicted: Human, Pig, Sheep, Cow, Chicken, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human GLT25D2: 501-600/626.		Predicted MW.: 70 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm
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: 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.		

— 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.