

bs-2391R**[Primary Antibody]****SLC39A7 Rabbit pAb****Bioss**
ANTIBODIES

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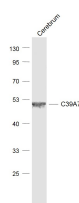
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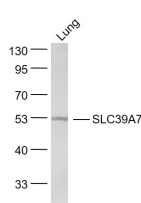
400-901-9800

— DATASHEET —

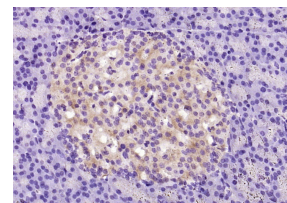
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Dog, Horse) Predicted MW.: 50 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 7922	SWISS: Q92504	
Target: SLC39A7		
Immunogen: KLH conjugated synthetic peptide derived from human SLC39A7: 201-300/469.		
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: Zinc is an essential cofactor for more than 50 classes of enzymes and is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, plus the control of gene transcription, growth, development, and differentiation. Zinc cannot passively diffuse across cell membranes and requires specific transporters, such as SLC39A7, to enter the cytosol from both the extracellular environment and from intracellular storage compartments.		

— VALIDATION IMAGES —

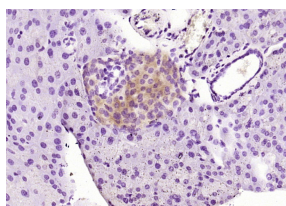
Sample: Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-C39A7 (bs-2391R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kD
Observed band size: 50 kD



Sample: Lung (Mouse) Lysate at 40 ug
Primary: Anti-SLC39A7 (bs-2391R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50 kD
Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded (rat pancreas); 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 (SLC39A7) Polyclonal Antibody, Unconjugated (bs-2391R) 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 pancreas); 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 (SLC39A7) Polyclonal Antibody,

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

Unconjugated (bs-2391R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.