

**bs-19832R****[ Primary Antibody ]****SLC39A4 Rabbit pAb****BioSS**  
**ANTIBODIES**

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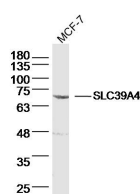
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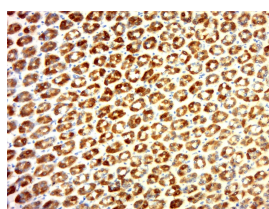
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 55630	<b>SWISS:</b> Q6P5W5	<b>IHC-F</b> (1:100-500)
<b>Target:</b> SLC39A4		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SLC39A4: 281-380/647.		<b>Reactivity:</b> Human, Rat
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 66 kDa
<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>Subcellular Location:</b> Cell membrane
<b>Background:</b> This gene encodes a member of the zinc/iron-regulated transporter-like protein (ZIP) family. The encoded protein localizes to cell membranes and is required for zinc uptake in the intestine. Mutations in this gene result in acrodermatitis enteropathica. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013]		

**— VALIDATION IMAGES —**

Sample: MCF-7 (human) Cell Lysate at 40 ug  
 Primary: Anti- SLC39A4 (bs-19832R) at 1/300  
 dilution Secondary: IRDye800CW Goat Anti-  
 Rabbit IgG at 1/20000 dilution Predicted band  
 size: 66kD Observed band size: 71 kD



Paraformaldehyde-fixed, paraffin embedded  
 (Rat stomach); 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 (SLC39A4) Polyclonal Antibody,  
 Unconjugated (bs-19832R) at 1:500 overnight at  
 4°C, followed by a conjugated secondary  
 (sp-0023) for 20 minutes and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=13]** Ximing Yang. et al. A dual absorption pathway of novel oyster-derived peptide-zinc complex enhances zinc bioavailability and restores mitochondrial function. J ADV RES. 2025 Feb;; WB ;Human. 39955018