

**bs-4039R****[ Primary Antibody ]****SLC37A4 Rabbit pAb****Bioss**  
**ANTIBODIES**

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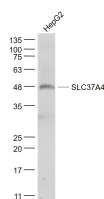
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Pig, Cow, Dog)
<b>GeneID:</b> 2542	<b>SWISS:</b> O43826	
<b>Target:</b> SLC37A4		<b>Predicted MW.:</b> 46 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human G6PT2: 25-130/429.		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Purification:</b> affinity purified by Protein A		
<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> SLC37A4 transports glucose-6-phosphate from the cytoplasm to the lumen of the endoplasmic reticulum. It forms a complex with glucose-6-phosphatase which is responsible for glucose production through glycogenolysis and gluconeogenesis. Hence, it plays a central role in homeostatic regulation of blood glucose levels.		

**— VALIDATION IMAGES —**

Sample: HepG2 (Human) Cell Lysate at 30 ug  
Primary: Anti- SLC37A4 (bs-4039R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 46 kD Observed band size: 48 kD