

**bs-6568R****[ Primary Antibody ]****SLC45A3 Rabbit pAb****BioSS**  
**ANTIBODIES**

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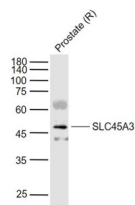
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Rat (predicted: Human, Mouse, Pig, Sheep, Cow, Dog)
<b>GeneID:</b> 85414	<b>SWISS:</b> Q96JT2	<b>Predicted MW.:</b> 59 kDa
<b>Target:</b> SLC45A3		<b>Subcellular Location:</b> Cell membrane
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PCANAP2: 351-450/553.		
<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> PSA, prostate specific antigen, is the classic indicator for transformed pro-state tissue; however, in addition to being upregulated in prostate cancer, PSA is also upregulated in non-malignant conditions, such as benign prostatic hyperplasia. Prostein, also designated Prostate cancer-associated protein 6, is a prostate-specific, 553 amino acid transmembrane protein that is upregulated by androgens. It is considered a marker for prostate cells since it is expressed in all prostatic glandular cells as well as in normal and cancerous prostate tissues. Since it is able to elicit a tumor-directed cytotoxic T cell response, Prostein may be used as a target for the development of PSA- and T cell-based therapeutic strategies for prostate cancer.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Prostate (Rat) Lysate at 40 ug  
Primary: Anti-SLC45A3 (bs-6568R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 59 kD Observed band size: 60 kD