

**bs-5892R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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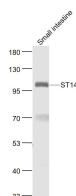
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**ST14 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit)
<b>GeneID:</b> 6768	<b>SWISS:</b> Q9Y5Y6	
<b>Target:</b> ST14		<b>Predicted MW.:</b> 95 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ST14/MTSP1: 651-750/855. < Extracellular >		<b>Subcellular Location:</b> Cell membrane
<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> MTSP1 is an epithelial-derived, integral membrane serine protease. This protease forms a complex with the Kunitz-type serine protease inhibitor, HAI-1, and is found to be activated by sphingosine 1-phosphate. This protease has been shown to cleave and activate hepatocyte growth factor/scattering factor, and urokinase plasminogen activator, which suggest the function of this protease as an epithelial membrane activator for other proteases and latent growth factors. The expression of this protease has been associated with breast, colon, prostate, and ovarian tumors, which implicates its role in cancer invasion, and metastasis.		

**— VALIDATION IMAGES —**

Sample: Small intestine (Mouse) Lysate at 40 ug

Primary: Anti- ST14 (bs-5892R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 95 kD

Observed band size: 104 kD