

**bsm-62822R****[ Primary Antibody ]****Ceruloplasmin Recombinant Rabbit mAb****Bioss**  
ANTIBODIES

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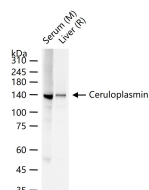
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-1:2000)
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 5G11	<b>Reactivity:</b> Mouse, Rat (predicted: Human)
<b>GeneID:</b> 1356	<b>SWISS:</b> P00450	
<b>Target:</b> Ceruloplasmin		
<b>Immunogen:</b> A synthesized peptide derived from human Ceruloplasmin: 401-474.		<b>Predicted MW.:</b> 122
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Secreted
<b>Storage:</b> 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Multifunctional blue, copper-binding (6-7 atoms per molecule) glycoprotein. It has ferroxidase activity oxidizing Fe <sup>2+</sup> to Fe <sup>3+</sup> without releasing radical oxygen species. It is involved in iron transport across the cell membrane.		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates  
(see on figure) probed with Ceruloplasmin  
monoclonal antibody, unconjugated  
(bsm-62822R) at 1:1000 dilution and 4°C  
overnight incubation. Followed by conjugated  
secondary antibody incubation at r.t. for 60 min.