

**bs-43011R****[ Primary Antibody ]****RBP4 Rabbit pAb****Bioss**  
ANTIBODIES

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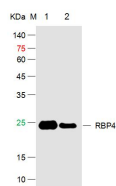
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**— DATASHEET —**

<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)
<b>GeneID:</b> 5950	<b>SWISS:</b> P02753	
<b>Target:</b> RBP4		<b>Predicted MW.:</b> 21 kDa
<b>Immunogen:</b> Recombinant human RBP4 protein: 19-201/201.		<b>Subcellular Location:</b> Secreted
<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> Retinol binding protein 4, also known as RBP4, is a transporter protein for retinol (vitamin A alcohol). RBP4 has a molecular weight of approximately 21 kDa and is encoded by the RBP4 gene in humans. It is mainly, though not exclusively, synthesized in the liver and circulates in the bloodstream bound to retinol in a complex with transthyretin. RBP4 has been a drug target for ophthalmology research due to its role in vision. RBP4 may also be involved in metabolic diseases as suggested by recent studies.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Human RBP4 Protein at 500ng  
Lane 2: Human RBP4 Protein at 50ng Primary: Rabbit Anti-RBP4 Protein Antibody at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 24.8kD Observed band size: kD



Sample: Lane 1: Recombinant human RBP4 protein, His (HEK293) (bs-43011P) Primary: Anti-RBP4 (bs-43011R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21kDa Observed band size: 21kDa