

**bs-17709R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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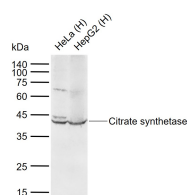
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**Citrate synthetase Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1431	<b>SWISS:</b> O75390	
<b>Target:</b> Citrate synthetase		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Citrate synthetase: 281-380/466.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Cow, Zebrafish, Dog)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 52 kDa
<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>Subcellular Location:</b> Cytoplasm
<b>Background:</b> The protein encoded by this gene is a Krebs tricarboxylic acid cycle enzyme that catalyzes the synthesis of citrate from oxaloacetate and acetyl coenzyme A. The enzyme is found in nearly all cells capable of oxidative metabolism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Sample: Lane 1: Human HeLa cell lysates Lane 2: Human HepG2 cell lysates  
Primary: Anti-Citrate synthetase (bs-17709R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 52 kDa  
Observed band size: 43 kDa