

**bs-24079R****[ Primary Antibody ]****MCART1 Rabbit pAb****BioSS**  
**ANTIBODIES**

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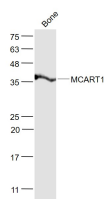
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 230125	<b>SWISS:</b> Q5HZI9	
<b>Target:</b> MCART1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from mouse MCART1: 1-100/298.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Mouse (predicted: Rat)
<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>Predicted MW.:</b> 34 kDa
<b>Background:</b> MCARTs (mitochondrial carrier triple repeat protein) are mitochondrial multipass inner membrane proteins that contain three solcar repeats, which are typical of substrate carrier proteins involved in energy transfer.		<b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

Sample: Bone (Mouse) Lysate at 40 ug Primary:  
Anti- MCART1 (bs-24079R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 34 kD  
Observed band size: 34 kD