

**bs-18715R**

**[ Primary Antibody ]**

## MCART1 Rabbit pAb

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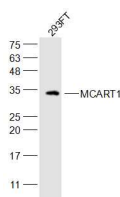
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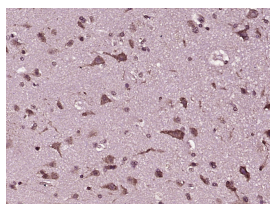
### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 92014	<b>SWISS:</b> Q9H1U9	
<b>Target:</b> MCART1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human MCART1: 61-160/297.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human
<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: 293FT(Human) Cell Lysate at 30 ug  
Primary: Anti-MCART1 (bs-18715R) at 1/300  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 34 kD Observed band size: 34 kD



Paraformaldehyde-fixed, paraffin embedded  
(Human brain glioma); Antigen retrieval by  
boiling in sodium citrate buffer (pH6.0) for  
15min; Block endogenous peroxidase by 3%  
hydrogen peroxide for 20 minutes; Blocking  
buffer (normal goat serum) at 37°C for 30min;  
Antibody incubation with (MCART1) Polyclonal  
Antibody, Unconjugated (bs-18715R) at 1:400  
overnight at 4°C, followed by operating  
according to SP Kit(Rabbit) (sp-0023)  
instructions and DAB staining.