

**bs-11667R****[ Primary Antibody ]****PET112L Rabbit pAb****BioSS**  
**ANTIBODIES**

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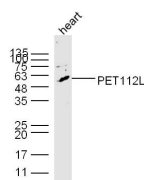
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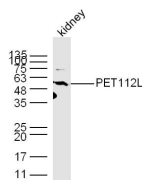
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Cow, Dog)
<b>GeneID:</b> 5188	<b>SWISS:</b> O75879	
<b>Target:</b> PET112L		<b>Predicted MW.:</b> 58 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PET112L: 101-200/557.		<b>Subcellular Location:</b> Cytoplasm
<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> PET112L is the human homolog of the <i>S. cerevisiae</i> COX assembly protein pet112, a protein that is believed to play an important role in the translation of mitochondrial genes. PET112L, also known as HSPC199 or Glu-ADT subunit B (glutamyl-tRNA(Gln) amidotransferase subunit B), is a 557 amino acid protein belonging to the gatB/gatE family of proteins (GatB subfamily) and is believed to play a role in energy metabolism. Localizing to mitochondria, PET112L is expressed in tissues such as heart and muscle, which exhibit high rates of oxidative phosphorylation. The gene encoding PET112L is overexpressed in recurrent ependymoma.		

**— VALIDATION IMAGES —**

Sample: Heart (Mouse) Lysate at 40 ug Primary:  
Anti-PET112L (bs-11667R) at 1/300 dilution  
Secondary: HRP conjugated Goat-Anti-rabbit IgG  
(bs-0295G-HRP) at 1/5000 dilution Predicted  
band size: 58 kD Observed band size: 58 kD



Sample: Kidney (Mouse) Lysate at 40 ug Primary:  
Anti-PET112L (bs-11667R) at 1/300 dilution  
Secondary: HRP conjugated Goat-Anti-rabbit IgG  
(bs-0295G-HRP) at 1/5000 dilution Predicted  
band size: 58 kD Observed band size: 58 kD