

**bs-9523R****[ Primary Antibody ]****Mitoferrin 1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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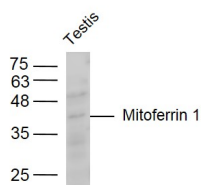
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**— DATASHEET —**

|                                                                                                                                                                                                                                                                                    |                      |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------|
| <b>Host:</b> Rabbit                                                                                                                                                                                                                                                                | <b>Isotype:</b> IgG  | <b>Applications:</b> WB (1:500-2000)                                            |
| <b>Clonality:</b> Polyclonal                                                                                                                                                                                                                                                       |                      | <b>Reactivity:</b> Mouse (predicted: Human, Rat, Pig, Cow, Chicken, Dog, Horse) |
| <b>GeneID:</b> 51312                                                                                                                                                                                                                                                               | <b>SWISS:</b> Q9NYZ2 |                                                                                 |
| <b>Target:</b> Mitoferrin 1                                                                                                                                                                                                                                                        |                      | <b>Predicted MW.:</b> 37 kDa                                                    |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Mitoferrin 1: 201-300/338.                                                                                                                                                                                   |                      | <b>Subcellular Location:</b> Cell membrane                                      |
| <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.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                                                                               |                      |                                                                                 |
| <b>Background:</b> Mitoferrin1, SLC25A37, belongs to the mitochondrial carrier family and contains 3 Solcar repeats. It is a mitochondrial iron transporter that specifically mediates iron uptake in developing erythroid cells and plays an essential role in heme biosynthesis. |                      |                                                                                 |

**— VALIDATION IMAGES —**

Sample: Testis (Mouse) Lysate at 40 ug Primary:

Anti-Mitoferrin 1 (bs-9523R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 37 kD

Observed band size: 37 kD