

**bs-20471R****[ Primary Antibody ]****Estrogen Related Receptor beta Rabbit pAb****BioSS**  
**ANTIBODIES**

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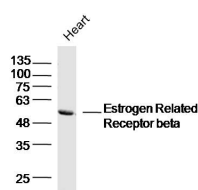
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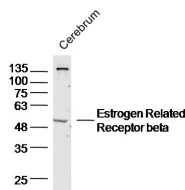
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 2103 <b>Target:</b> Estrogen Related Receptor beta <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Estrogen Related Receptor beta: 1-100/508. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> Estrogen related receptor beta, a NR3 Steroid Receptor, has been shown to affect early placental development. Also it can act as a repressor of transcriptional activity mediated by the glucocorticoid receptor (GR). It binds as a monomer to the extended half-site TNAAGTGCA and as a homodimer to the estrogen response element (ERE), palindromic thyroid hormone response element (TRE(pal)), and SF-1 response element, but not to the glucocorticoid response element (GRE). Estrogen related receptor beta mutations lead to abnormal development of the chorion and defective diploid trophoblast proliferation, and are lethal during midgestation. Expression has been documented in mice in the extraembryonic ectoderm that gives rise to the chorion. ESTs have been isolated from normal human eye, lung, and testis libraries. The ligand for the receptor is PPARgamma coactivator 1 (PGC-1) beta.	<b>Isotype:</b> IgG <b>SWISS:</b> O95718 <b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog)  <b>Predicted MW.:</b> 56 kDa  <b>Subcellular Location:</b> Nucleus
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**— VALIDATION IMAGES —**

Sample: Heart(Mouse)Lysate at 40 ug Primary: Anti-Estrogen Related Receptor beta(bs-20471R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 56kD Observed band size: 56kD



Sample: Cerebrum (Mouse)Lysate at 40 ug Primary: Anti-Estrogen Related Receptor beta(bs-20471R)at 1/300 dilution Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution Predicted band size: 56kD Observed band size: 56kD