

**bs-3860R****[ Primary Antibody ]****CHRD2 Rabbit pAb****Bioss**  
**ANTIBODIES**

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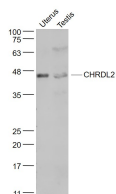
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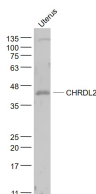
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 25884 <b>Target:</b> CHRD2 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CHRD2: 351-429/429. <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> CHRD2 is a novel chordin like protein that can act as a BMP antagonist. A member of the chordin family of proteins, it contains a signal peptide and three CR (cysteine-rich repeat) domains. When expressed as a recombinant protein it is secreted and binds to activin A, but not to BMP-2, -4, -6. Differential expression has been detected in developing chondrocytes, myoblasts, osteoblasts, and osteoarthritic joints. Complex alternative splicing of CHRD2 potentially results in distinct isoforms that differ at their C termini, in the expression of signal peptide, and in the content of CR domains. CHRD2 was originally characterized as a novel protein exclusively expressed in breast, lung, and colon tumors.	<b>Isotype:</b> IgG <b>SWISS:</b> Q6WN34	<b>Applications:</b> WB (1:500-2000) <b>Reactivity:</b> Mouse, Rat (predicted: Human, Sheep, Cow) <b>Predicted MW.:</b> 45 kDa <b>Subcellular Location:</b> Secreted
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**— VALIDATION IMAGES —**

Sample: Uterus (Rat) Lysate at 40 ug Testis (Rat) Lysate at 40 ug  
Primary: Anti- CHRD2 (bs-3860R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 45 kD  
Observed band size: 45 kD



Sample: Uterus(Mouse) Lysate at 40 ug  
Primary: Anti- CHRD2 (bs-3860R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 45 kD  
Observed band size: 45 kD