

**bs-17371R****[ Primary Antibody ]****HOXD3 Rabbit pAb****BioSS**  
**ANTIBODIES**

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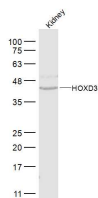
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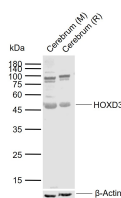
400-901-9800

**— DATASHEET —**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 3232</p> <p><b>Target:</b> HOXD3</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human HOXD3: 201-300/432.</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><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.</p> <p><b>Background:</b> This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The protein encoded by this gene may play a role in the regulation of cell adhesion processes. [provided by RefSeq, Jul 2008]</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> P31249</p> <p><b>Applications:</b> WB (1:500-2000)</p> <p><b>Reactivity:</b> Mouse, Rat (predicted: Human, Sheep, Chicken, Dog, Horse)</p> <p><b>Predicted MW.:</b> 46 kDa</p> <p><b>Subcellular Location:</b> Nucleus</p>
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**— VALIDATION IMAGES —**

Sample: Kidney (Rat) Lysate at 40 ug Primary:  
Anti-HOXD3 (bs-17371R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 46 kD  
Observed band size: 46 kD



Sample: Lane 1: Mouse Cerebrum tissue lysates  
Lane 2: Rat Cerebrum tissue lysates Primary:  
Anti-HOXD3 (bs-17371R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 46 kDa  
Observed band size: 46 kDa