

**bs-17360R****[ Primary Antibody ]****TCL3/HOX11 Rabbit pAb****BioSS**  
**ANTIBODIES**

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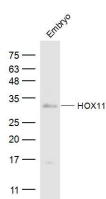
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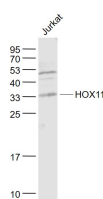
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 3195 <b>Target:</b> TCL3/HOX11 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TCL3/HOX11: 121-220/330. <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> The Hox proteins play a role in patterns of embryonic development and cellular differentiation by regulating downstream target genes. The Hox11 gene, termed an orphan homeobox gene, as it is located outside of the four mammalian Hox clusters, is a DNA-binding nuclear transcription factor. The human Hox11 gene maps to chromosome 10q24 and has been implicated in the chromosomal translocation t(7;10)(q24;q11) that occurs in T-cell acute lymphoblastic leukemia (T-ALL). The t(7;10) translocation occurs between the Hox11 gene and the T-cell receptor (TCR) delta-chain gene and is a result of aberrant physiological recombinational events at the early stages of T-cell development. The Hox11 gene is normally expressed in the splanchnic anlage arising from the splanchnic mesoderm. Homozygous Hox11-deficient mice have no spleen, while all other splanchnic derivatives develop normally. Spleen development starts and proceeds normally in Hox11-deficient mice to a specific stage of embryogenesis, when the spleen anlage becomes fully absorbed.	<b>Isotype:</b> IgG  <b>SWISS:</b> P31314	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Chicken, Dog, Horse)  <b>Predicted MW.:</b> 34 kDa  <b>Subcellular Location:</b> Nucleus
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**— VALIDATION IMAGES —**

Sample: Embryo (Mouse) Lysate at 40 ug  
Primary: Anti-HOX11 (bs-17360R) at 1/300  
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34 kD



Sample: Jurkat(Human) Cell Lysate at 30 ug  
Primary: Anti- TCL3/HOX11 (bs-17360R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 33 kD