

**bs-7867R****[ Primary Antibody ]****Iroquois homeobox protein 3 Rabbit pAb****Bioss**  
ANTIBODIES

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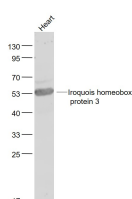
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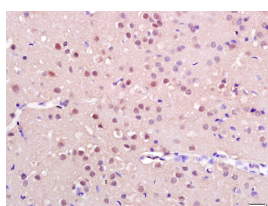
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 79191	<b>SWISS:</b> P78415	
<b>Target:</b> Iroquois homeobox protein 3		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Iroquois homeobox protein 3: 401-501/501.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Pig, Cow, Dog)
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 52 kDa
<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>Subcellular Location:</b> Nucleus
<b>Background:</b> Transcription factor. Involved in SHH-dependent neural patterning. Together with NKX2-2 and NKX6-1 acts to restrict the generation of motor neurons to the appropriate region of the neural tube. Belongs to the class I proteins of neuronal progenitor factors, which are repressed by SHH signals. Involved in the transcriptional repression of MNX1 in non-motor neuron cells.		

**— VALIDATION IMAGES —**

Sample: Heart (Mouse) Lysate at 40 ug Primary: Anti- Iroquois homeobox protein 3 (bs-7867R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD Observed band size: 53 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Iroquois homeobox protein 3 Polyclonal Antibody, Unconjugated(bs-7867R) 1:100, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining