

**bs-6870R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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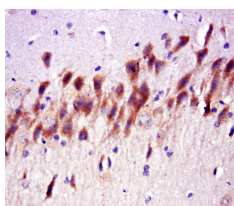
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**ILP2 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 112401	<b>SWISS:</b> Q96P09	<b>IF</b> (1:100-500)
<b>Target:</b> ILP2		<b>Reactivity:</b> Rat (predicted: Human, Mouse, Rabbit, Chicken)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ILP2: 141-236/236.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 26 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cytoplasm ,Nucleus
<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> Protects against apoptosis mediated by BAX. Apoptosis, or programmed cell death, is related to many diseases, such as cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family including IAP, XIAP/ILP-1/MIHA, and Livin/KIAP that bind to and inhibits specific proteases. A novel member in the IAP protein family was recently identified and designated ILP-2 for IAP-like protein-2 (1). ILP-2 has high homology to ILP-1, but is encoded by a distinct gene that is solely expressed in testis of tested normal human tissues (1). ILP-2, unlike ILP-1, has no inhibitory effect on Fas and TNF induced apoptosis, but potentially inhibits apoptosis induced by overexpression of Bax or by coexpression of caspase-9 with Apaf-1. ILP-2 interacts with the processed caspase-9. These results suggest that ILP-2 is a novel IAP family member with restricted specificity for caspase-9.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (BIRC8) Polyclonal Antibody, Unconjugated (bs-6870R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.