

**bs-6986R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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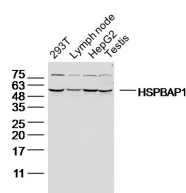
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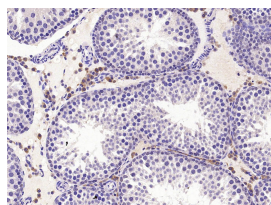
400-901-9800

**HSPBAP1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 79663	<b>SWISS:</b> Q96EW2	<b>IHC-F</b> (1:100-500)
<b>Target:</b> HSPBAP1		<b>IF</b> (1:50-200)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human HSPBAP1: 151-250/488.		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Dog, Horse)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 54 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> Cytoplasm
<b>Background:</b> Heat Shock Protein BAP1 (heat shock 27-kDa-associated protein 1, or HSPBAP1) inhibits the function of heat shock protein 27, which has a neuroprotective effect during experimentally induced epileptic neuropathology. The HSPBAP1 protein, also known as PASS1, contains a jmjC motif, suggesting it is a member of the jumonji family of transcription factors. There is evidence of domain swapping within the jumonji family genes, and the HSPBAP1 gene has been shown to fuse with a novel gene called DIRC3 in hereditary renal cell cancer.		

**— VALIDATION IMAGES —**

Sample: 293T Cell(human) Lysate at 40 ug  
Lymph node (mouse) Lysate at 40 ug HepG2  
Cell(human) Lysate at 40 ug Testis (mouse)  
Lysate at 40 ug Primary: Anti-  
HSPBAP1(bs-6986R)at 1/300 dilution Secondary:  
IRDye800CW Goat Anti-Rabbit IgG at 1/20000  
dilution Predicted band size: 55kD Observed  
band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded  
(Rat testis); Antigen retrieval by microwave in  
sodium citrate buffer (pH6.0) ; Block  
endogenous peroxidase by 3% hydrogen  
peroxide for 30 minutes; Blocking buffer (3%  
BSA) at RT for 30min; Antibody incubation with  
(HSPBAP1) Polyclonal Antibody, Unconjugated  
(bs-6986R) at 1:400 overnight at 4°C, followed by  
conjugation to the secondary antibody (labeled  
with HRP)and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=2.32]** Xu, Shouyu, et al. "Transcriptional profiling of rat skeletal muscle hypertrophy under restriction of blood flow." Gene (2016). IHC ;="Rat". 27613141