

**bs-19410R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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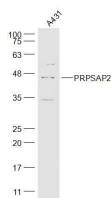
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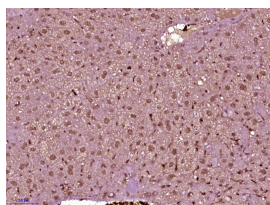
400-901-9800

**PRPSAP2 Rabbit pAb****— DATASHEET —**

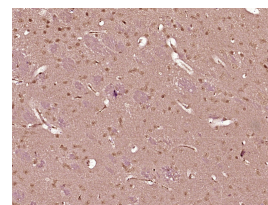
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 5636	<b>SWISS:</b> O60256	<b>IHC-F</b> (1:100-500)
<b>Target:</b> PRPSAP2		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PRPSAP2: 1-100/369.		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Chicken, Dog, Horse)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 41 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> This gene encodes a protein that associates with the enzyme phosphoribosylpyrophosphate synthetase (PRS). PRS catalyzes the formation of phosphoribosylpyrophosphate which is a substrate for synthesis of purine and pyrimidine nucleotides, histidine, tryptophan and NAD. PRS exists as a complex with two catalytic subunits and two associated subunits. This gene encodes a non-catalytic associated subunit of PRS. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]		

**— VALIDATION IMAGES —**

Sample: A431(Human) Cell Lysate at 40 ug  
 Primary: Anti-aPRPSAP2 (bs-19410R) at 1/300  
 dilution Secondary: IRDye800CW Goat Anti-  
 Rabbit IgG at 1/20000 dilution Predicted band  
 size: 41 kD Observed band size: 41 kD



Paraformaldehyde-fixed, paraffin embedded  
 (Mouse liver); 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 (PRPSAP2) Polyclonal Antibody,  
 Unconjugated (bs-19410R) at 1:400 overnight at  
 4°C, followed by operating according to SP  
 Kit(Rabbit) (sp-0023) instructions and DAB  
 staining.



Paraformaldehyde-fixed, paraffin embedded  
 (Mouse brain); 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 (PRPSAP2) Polyclonal Antibody,  
 Unconjugated (bs-19410R) at 1:400 overnight at  
 4°C, followed by operating according to SP  
 Kit(Rabbit) (sp-0023) instructions and DAB  
 staining.