

**bs-21897R****[ Primary Antibody ]****SPRED2 Rabbit pAb****BioSS**  
**ANTIBODIES**

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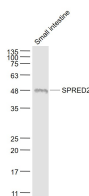
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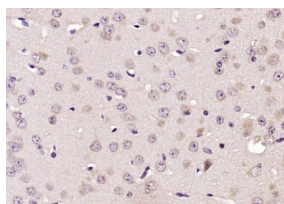
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 200734 <b>Target:</b> SPRED2 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SPRED2 : 381-480/674. <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> SPRED2 is a member of the Sprouty (see SPRY1; MIM 602465)/SPRED family of proteins that regulate growth factor-induced activation of the MAP kinase cascade (see MAPK1; MIM 176948) (Nonami et al., 2004 [PubMed 15465815]).[supplied by OMIM, Mar 2008]	<b>Isotype:</b> IgG  <b>SWISS:</b> Q7Z698	<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>Reactivity:</b> Mouse (predicted: Human, Rat)  <b>Predicted MW.:</b> 47 kDa  <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

Sample: Small intestine (Mouse) Lysate at 40 ug  
Primary: Anti- SPRED2 (bs-21897R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 47 kD Observed band size: 48 kD



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 (SPRED2) Polyclonal Antibody,  
Unconjugated (bs-21897R) at 1:200 overnight at  
4°C, followed by operating according to SP  
Kit(Rabbit) (sp-0023) instructions and DAB  
staining.