

**bs-21927R****[ Primary Antibody ]****AP2 alpha Rabbit pAb****BioSS**  
**ANTIBODIES**

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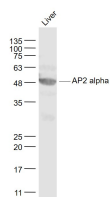
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**— DATASHEET —**

|  |                      |  |
|--|----------------------|--|
| <b>Host:</b> Rabbit  | <b>Isotype:</b> IgG  | <b>Applications:</b> WB (1:500-2000)   |
| <b>Clonality:</b> Polyclonal   |                      | <b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse) |
| <b>GeneID:</b> 7020  | <b>SWISS:</b> P05549 |  |
| <b>Target:</b> AP2 alpha   |                      |  |
| <b>Purification:</b> affinity purified by Protein A  |                      | <b>Predicted MW.:</b> 48 kDa   |
| <b>Concentration:</b> 1mg/ml   |                      | <b>Subcellular Location:</b> Nucleus   |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.   |                      |  |
| <b>Background:</b> The protein encoded by this gene is a transcription factor that binds the consensus sequence 5'-GCCNNNGGC-3'. The encoded protein functions as either a homodimer or as a heterodimer with similar family members. This protein activates the transcription of some genes while inhibiting the transcription of others. Defects in this gene are a cause of branchiooculofacial syndrome (BOFS). Three transcript variants encoding different isoforms have been found for this gene. |                      |  |

**— VALIDATION IMAGES —**

Sample: Liver (Mouse) Lysate at 40 ug Primary:  
Anti- AP2 alpha (bs-21927R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 48 kD  
Observed band size: 48 kD