

**bs-22933R****[ Primary Antibody ]****RAP1A Rabbit pAb****Bioss**  
**ANTIBODIES**

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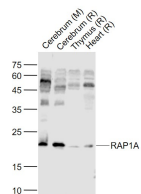
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Chicken, Dog)
<b>GeneID:</b> 5906	<b>SWISS:</b> P62834	<b>Predicted MW.:</b> 21 kDa
<b>Target:</b> RAP1A		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human RAP1A: 1-100/184.		
<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> This gene encodes a member of the Ras family of small GTPases. The encoded protein undergoes a change in conformational state and activity, depending on whether it is bound to GTP or GDP. This protein is activated by several types of guanine nucleotide exchange factors (GEFs), and inactivated by two groups of GTPase-activating proteins (GAPs). The activation status of the encoded protein is therefore affected by the balance of intracellular levels of GEFs and GAPs. The encoded protein regulates signaling pathways that affect cell proliferation and adhesion, and may play a role in tumor malignancy. Pseudogenes of this gene have been defined on chromosomes 14 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014].		

**— VALIDATION IMAGES —**

Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug  
Lane 2: Cerebrum (Rat) Lysate at 40 ug  
Lane 3: Thymus (Rat) Lysate at 40 ug  
Lane 4: Heart (Rat) Lysate at 40 ug  
Primary: Anti-RAP1A (bs-22933R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 23 kD  
Observed band size: 23 kD