

**bs-17589R****[ Primary Antibody ]****p21-ARC Rabbit pAb****BioSS**  
**ANTIBODIES**

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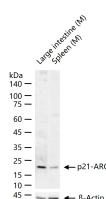
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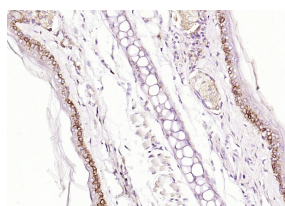
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 10094 <b>Target:</b> p21-ARC <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human p21-ARC: 2-100/178. <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 one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been conserved through evolution and is implicated in the control of actin polymerization in cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2013]	<b>Isotype:</b> IgG  <b>SWISS:</b> O15145	<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, Rabbit, Cow, Chicken, Xenopus laevis)
		<b>Predicted MW.:</b> 20 kDa
		<b>Subcellular Location:</b> Cytoplasm

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with p21-ARC polyclonal antibody, unconjugated (bs-17589R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (mouse skin); 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 (p21-ARC) Polyclonal Antibody, Unconjugated (bs-17589R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.