

**bs-3921R**

**[ Primary Antibody ]**

## ADCY4 Rabbit pAb

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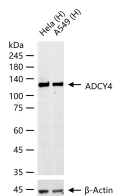
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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 196883	<b>SWISS:</b> Q8NFM4	<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)
<b>Target:</b> ADCY4		<b>Predicted MW.:</b> 120 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ADCY4: 851-1077/1077.		<b>Subcellular Location:</b> Cell membrane
<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> The ADCY4 gene encodes a member of the family of adenylate cyclases, which are membrane-associated enzymes that catalyze the formation of the secondary messenger cyclic adenosine monophosphate (cAMP). Mouse studies show that adenylate cyclase 4, along with adenylate cyclases 2 and 3, is expressed in olfactory cilia, suggesting that several different adenylate cyclases may couple to olfactory receptors and that there may be multiple receptor-mediated mechanisms for the generation of cAMP signals. Alternative splicing results in transcript variants.		

### — VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with ADCY4 polyclonal antibody, unconjugated (bs-3921R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.