

bs-3926R**[Primary Antibody]****ADCY9 Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Cow, Chicken, Dog, Horse) Predicted MW.: 150 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 115	SWISS: O60503	
Target: ADCY9		
Immunogen: KLH conjugated synthetic peptide derived from human ADCY9: 251-350/1353. < Extracellular >		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 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.		
Background: Adenylate cyclase is a membrane bound enzyme that catalyses the formation of cyclic AMP from ATP. It is regulated by a family of G protein-coupled receptors, protein kinases, and calcium. The type 9 adenylyl cyclase is a widely distributed adenylyl cyclase, and it is stimulated by beta-adrenergic receptor activation but is insensitive to forskolin, calcium, and somatostatin. [provided by RefSeq, Jul 2008].		

— SELECTED CITATIONS —

- **[IF=3.329]** Enivwenaye E.W. Nabofa et al. Cardiovascular Effects of Caffeine in Rabbits Involve Beta-2 Adrenergic Receptor Activation. IHC ;rabbit. 10.1089/caff.2019.0019