

bs-3922R**[Primary Antibody]****ADCY5 Rabbit pAb****Bioss**
ANTIBODIES

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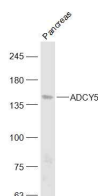
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse, Rat (predicted: Human, Pig, Sheep, Cow, Horse)
GeneID: 111	SWISS: O95622	Predicted MW.: 139 kDa
Target: ADCY5		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human ADCY5: 857-909/1261. < 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: This gene encodes a member of the membrane-bound adenylyl cyclase enzymes. Adenylyl cyclases mediate G protein-coupled receptor signaling through the synthesis of the second messenger cAMP. Activity of the encoded protein is stimulated by the Gs alpha subunit of G protein-coupled receptors and is inhibited by protein kinase A, calcium and Gi alpha subunits. Single nucleotide polymorphisms in this gene may be associated with low birth weight and type 2 diabetes. Alternatively spliced transcript variants that encode different isoforms have been observed for this gene. [provided by RefSeq, Dec 2010].		

— VALIDATION IMAGES —

Sample: Pancreas (Mouse) Lysate at 40 ug
Primary: Anti-ADCY5 (bs-3922R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 139 kD Observed band size: 139 kD

— SELECTED CITATIONS —

- **[IF=5.4]** Taotao Li. et al. Rosemary (Rosmarinus officinalis L.) hydrosol based on serotonergic synapse for insomnia. J ETHNOPHARMACOL. 2023 Jul;;116984 IHC,WB ;Rat. 37532071