

bs-3924R**[Primary Antibody]****ADCY7 Rabbit pAb****BioSS**
ANTIBODIES

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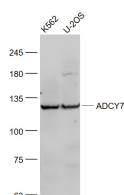
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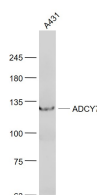
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 113 Target: ADCY7 Immunogen: KLH conjugated synthetic peptide derived from human ADCY7: 901-1080/1080. 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 membrane-bound adenylate cyclase that catalyses the formation of cyclic AMP from ATP and is inhibitable by calcium. The product of this gene is a member of the adenyl cyclase class-4/guanylyl cyclase enzyme family that is characterized by the presence of twelve membrane-spanning domains in its sequences. [provided by RefSeq, Jul 2008].	Isotype: IgG SWISS: P51828	Applications: WB (1:500-2000) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Cow, Dog, Horse) Predicted MW.: 120 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: K562(Human) Cell Lysate at 30 ug
 U-2OS(Human) Cell Lysate at 30 ug Primary:
 Anti- ADCY7 (bs-3924R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at
 1/20000 dilution Predicted band size: 120 kD
 Observed band size: 120 kD



Sample: A431(Human) Cell Lysate at 30 ug
 Primary: Anti- ADCY7 (bs-3924R) at 1/1000
 dilution Secondary: IRDye800CW Goat Anti-
 Rabbit IgG at 1/20000 dilution Predicted band
 size: 120 kD Observed band size: 120 kD

— SELECTED CITATIONS —

- **[IF=13.7]** Liu Qiannv. et al. Eukaryotic ADCY7 catalyzes the production of c-di-AMP to activate the NLRP3 inflammasome. NAT CHEM BIOL. 2025 May;;1-9 IP ;Human. 40419769
- **[IF=2.248]** Wang Yulong. et al. LncRNA GAS5 promotes abdominal aortic aneurysm formation through regulating the miR-185-5p/ADCY7 axis. Anti-Cancer Drug. 2022 Mar;33(3):225-234 WB ;Human. 34974476