

ADCY5 Rabbit pAb

CatalogNo: YT7441

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 139kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human ADCY5 AA range: 471-521

Specificity This antibody detects endogenous levels of ADCY5 at Human/Mouse/Rat

Target Information

Gene name ADCY5

Protein Name ADCY5

Organism	Gene ID	UniProt ID
Human	111 ;	O95622 ;
Mouse	224129 ;	P84309 ;
Rat	64532 ;	Q04400 ;

Cellular Localization

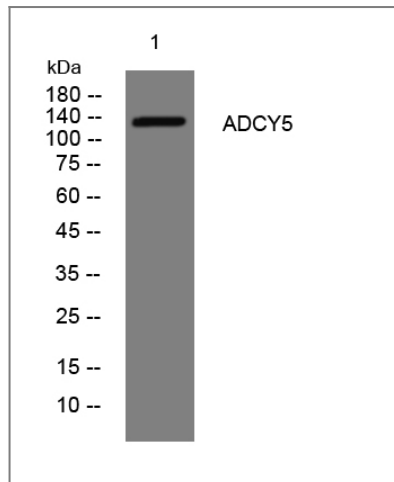
Cell membrane ; Multi-pass membrane protein. Cell projection, cilium .

Tissue specificity Detected in pancreas islets (at protein level). Detected in pancreas islets.

Function

Catalytic activity:ATP = 3',5'-cyclic AMP + diphosphate.,cofactor:Binds 2 magnesium ions per subunit.,enzyme regulation:Inhibition by calcium in the submicromolar concentration range.,Function:This is a membrane-bound, calcium-inhibitable adenylyl cyclase.,similarity:Belongs to the adenylyl cyclase class-4/guanylyl cyclase family.,similarity:Contains 2 guanylate cyclase domains.,

Validation Data



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: <http://www.immunoway.com.cn>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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