

## Rabbit ADCY1 Polyclonal Antibody | anti-ADCY1 antibody

ADCY1 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA169147</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

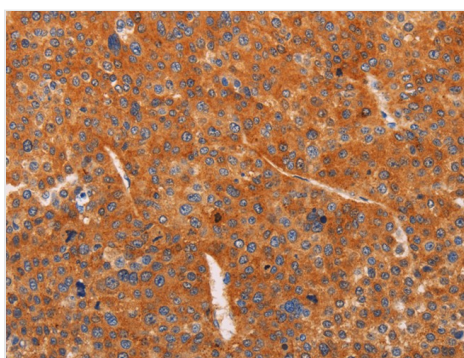
### PRODUCT SYNONYMS

ADCY1; Polyclonal Antibody; ADCY1 Polyclonal Antibody; AC1; anti-ADCY1 antibody

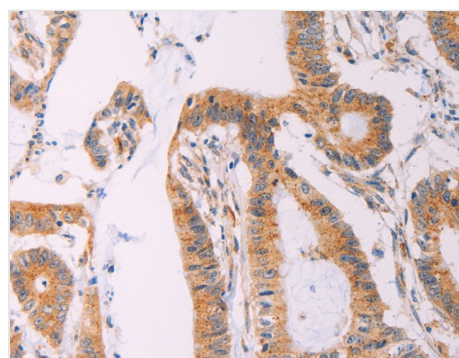
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 2.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                 | 338                                                                                       |
| Applicable Applications for anti-ADCY1 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                       | Synthetic peptide of human ADCY1                                                          |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ADCY1 Polyclonal Antibody at dilution 1:60



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ADCY1 Polyclonal Antibody at dilution 1:60

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                             |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-ADCY1 antibody</b> | This gene encodes a form of adenylate cyclase expressed in brain. A similar protein in mouse is involved in pattern formation of the brain. |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 528866030                                                                                                                                                                                      |
| NCBI GeneID                      | 107                                                                                                                                                                                            |
| NCBI Accession #                 | NP_001268697.1                                                                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001281768.1                                                                                                                                                                                 |
| Molecular Weight                 | 123,440 Da                                                                                                                                                                                     |
| NCBI Official Full Name          | adenylate cyclase type 1 isoform 2                                                                                                                                                             |
| NCBI Official Synonym Full Names | adenylate cyclase 1 (brain)                                                                                                                                                                    |
| NCBI Official Symbol             | ADCY1                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | AC1; DFNB44                                                                                                                                                                                    |
| NCBI Protein Information         | adenylate cyclase type 1; 3',5'-cyclic AMP synthetase; ATP pyrophosphate-lyase 1; Ca(2+)/calmodulin-activated adenylyl cyclase; adenylyl cyclase; adenylate cyclase type I; adenylyl cyclase 1 |
| UniProt Protein Name             | Adenylate cyclase type 1                                                                                                                                                                       |
| UniProt Gene Name                | <b>ADCY1</b>                                                                                                                                                                                   |
| UniProt Entry Name               | ADCY1_HUMAN                                                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adcyl1-antibody-immunohistochemistry-elisa/169147>