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Datasheet for ABIN751203  
**anti-ADCY6 antibody (AA 760-819) (Cy5.5)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | ADCY6  |
| Binding Specificity: | AA 760-819   |
| Reactivity:          | Human, Rat   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ADCY6 antibody is conjugated to Cy5.5   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ADCY6        |
| Isotype:              | IgG  |
| Specificity:          | This antibody may also work in Rat, but has not yet been tested. |
| Cross-Reactivity:     | Human, Rat   |
| Predicted Reactivity: | Mouse,Cow,Sheep,Pig,Horse  |
| Purification:         | Purified by Protein A.   |

### Target Details

|         |       |
|---------|-------|
| Target: | ADCY6 |
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## Target Details

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|                   |   |
|-------------------|---|
| Alternative Name: | ADCY6 ( <a href="#">ADCY6 Products</a> )  |
| Background:       | Synonyms: AC6, LCCS8, Adenylate cyclase type 6, ATP pyrophosphate-lyase 6, Adenylate cyclase type VI, Adenylyl cyclase 6, Ca(2+)-inhibitable adenylyl cyclase, ADCY6, KIAA0422<br>Background: Membrane-bound, calcium-inhibitable adenylyl cyclase.   |
| Gene ID:          | 112   |
| UniProt:          | <a href="#">O43306</a>  |
| Pathways:         | <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> |

## Application Details

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|                    |  |
|--------------------|--|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only  |

## Handling

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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.         |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |