

Datasheet for ABIN6985017

**anti-CES3 antibody (AA 431-530) (Cy5.5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | CES3                                                                                                                           |
| Binding Specificity: | AA 431-530                                                                                                                     |
| Reactivity:          | Human                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This CES3 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 CES3 |
| Isotype:              | IgG                                                      |
| Predicted Reactivity: | Human                                                    |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                                                             |
|-------------------|-----------------------------------------------------------------------------|
| Target:           | CES3                                                                        |
| Alternative Name: | CES3 ( <a href="#">CES3 Products</a> )                                      |
| Background:       | Synonyms: Carboxylesterase 3, CES 3, Ces3, ES3, EST3_HUMAN, FLJ21736, Liver |

## Target Details

carboxylesterase 31 homolog.

Background: This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This gene is expressed in several tissues, particularly in colon, trachea and in brain, and the protein participates in colon and neural drug metabolism. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported, but the biological validity and/or full-length nature of some variants have not been determined.[provided by RefSeq, Jun 2010]

|           |                                                       |
|-----------|-------------------------------------------------------|
| Gene ID:  | 23491                                                 |
| UniProt:  | <a href="#">Q6UWW8</a>                                |
| Pathways: | <a href="#">Monocarboxylic Acid Catabolic Process</a> |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| 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

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                          |