

[Go to Product page](#)

Datasheet for ABIN1408828

**anti-GGACT antibody (AA 1-50) (Cy5)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | GGACT   |
| Binding Specificity: | AA 1-50   |
| Reactivity:          | Human, Mouse, Rat   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This GGACT antibody is conjugated to Cy5  |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human A2LD1 |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human, Mouse, Rat   |
| Predicted Reactivity: | Dog,Horse,Rabbit  |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | GGACT  |
| Alternative Name: | A2LD1/GGACT ( <a href="#">GGACT Products</a> ) |

## Target Details

|             |  |
|-------------|--|
| Background: | <p>Synonyms: A2LD1, Gamma-glutamylaminecyclotransferase, GGACT, AIG2-like domain-containing protein 1, Gamma-glutamylamine cyclotransferase</p> <p>Background: Contributes to degradation of proteins cross-linked by transglutaminases. Degrades the cross-link between a lysine and a glutamic acid residue from two proteins that have been cross-linked by transglutaminases. Catalyzes the formation of 5-oxoproline from L-gamma-glutamyl-L-epsilon-lysine. Inactive with L-gamma-glutamyl-alpha-amino acid substrates such as L-gamma-glutamyl-L-alpha-cysteine and L-gamma-glutamyl-L-alpha-alanine.</p> |
| Gene ID:    | 87769  |
| UniProt:    | <a href="#">Q9BVM4</a>   |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | <p>FCM 1:20-100</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| 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  |