

## Datasheet for ABIN7647412 **anti-TGM1 antibody (APC)**



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### Overview

|              |                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                    |
| Target:      | TGM1                                                                                                      |
| Reactivity:  | Rabbit                                                                                                    |
| Host:        | Guinea Pig                                                                                                |
| Clonality:   | Polyclonal                                                                                                |
| Conjugate:   | This TGM1 antibody is conjugated to APC                                                                   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

### Product Details

|                   |                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Transglutaminase 1 (TGM1)                                                                                                                              |
| Isotype:          | IgG                                                                                                                                                                           |
| Specificity:      | The antibody is a cavia polyclonal antibody raised against TGM1. It has been selected for its ability to recognize TGM1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Mouse, Rat                                                                                                                                                             |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                        |

### Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | TGM1                                   |
| Alternative Name: | TGM1 ( <a href="#">TGM1 Products</a> ) |

## Target Details

Background: TGK, ICR2, KTG, LI, LI1, TGASE, Transglutaminase 1, Keratinocyte, Transglutaminase K, K Polypeptide Epidermal Type I, Protein-Glutamine-Gamma-Glutamyltransferase

UniProt: [P22758](#)

## Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 500 µg/mL

Buffer: PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.

Preservative: Dithiothreitol (DTT), ProClin

Precaution of Use: This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.