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Datasheet for ABIN1537548

## anti-Transglutaminase 5 antibody (C-Term)

### 1 Image

#### Overview

Quantity:	400 µL
Target:	Transglutaminase 5 (TGM5)
Binding Specificity:	AA 686-715, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transglutaminase 5 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This TGM5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 686-715 amino acids from the C-terminal region of human TGM5.
Clone:	RB39907
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	Transglutaminase 5 (TGM5)
Alternative Name:	TGM5 ( <a href="#">TGM5 Products</a> )
Background:	This gene encodes a member of the transglutaminase family. The encoded protein catalyzes

## Target Details

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formation of protein cross-links between glutamine and lysine residues, often resulting in stabilization of protein assemblies. This reaction is calcium dependent. Mutations in this gene have been associated with acral peeling skin syndrome.

Molecular Weight: 80778

Gene ID: 9333

NCBI Accession: [NP\\_004236](#), [NP\\_963925](#)

UniProt: [O43548](#)

## Application Details

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Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

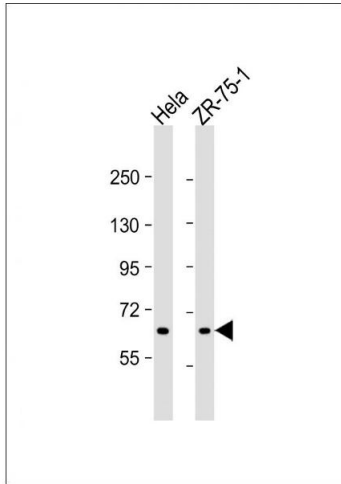
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: TGM5 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



### Western Blotting

**Image 1.** All lanes : Anti-TGM5 Antibody (C-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: ZR-75-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 81 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.