

Datasheet for ABIN870645  
**anti-TGM4 antibody (AA 49-63)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	TGM4
Binding Specificity:	AA 49-63
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TGM4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	transglutaminase 4 (aa49-63)
Immunogen:	Peptide with sequence C-NQPLQSYHQLKLEFS, from the internal region (near N Terminus) of the protein sequence according to NP_003232.2.
Sequence:	NQPLQSYHQL KLEFS
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

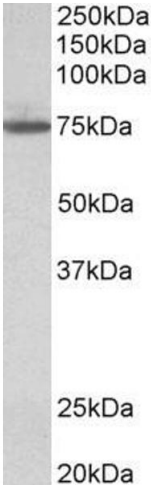
Target:	TGM4
Alternative Name:	TGM4 ( <a href="#">TGM4 Products</a> )
Background:	TGM4, transglutaminase 4 (prostate), FLJ26776, TGP, hTGP, TG(P), TGase P, TGase-4, fibrinolygase, prostate transglutaminase, prostate-specific transglutaminase, protein-glutamine gamma-glutamyltransferase 4, transglutaminase P, transglutaminase-4
Molecular Weight:	77.1kDa
Gene ID:	7047
NCBI Accession:	<a href="#">NP_003232</a>

## Application Details

Application Notes:	Western Blot: Approx 75 kDa band observed in lysates of cell line HeLa (calculated MW of 77.1 kDa according to NP_003232.2). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN870645 (1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.