

Datasheet for ABIN870644
anti-TGM3 antibody (AA 598-610)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	TGM3
Binding Specificity:	AA 598-610
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TGM3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Transglutaminase 3 (aa598-610)
Immunogen:	Peptide with sequence C-TLEVLNEARVRKP, from the internal region of the protein sequence according to NP_003236.3.
Sequence:	TLEVLNEARV RKP
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

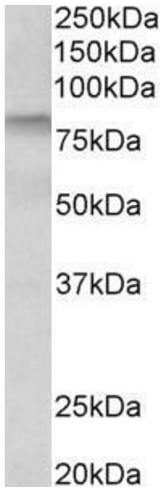
Target:	TGM3
Alternative Name:	TGM3 (TGM3 Products)
Background:	TGM3, transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase), MGC126249, MGC126250, TGE, TG(E), TGase E, TGase-3, protein-glutamine gamma-glutamyltransferase E, transglutaminase E, transglutaminase-3
Molecular Weight:	76.6kDa
Gene ID:	7053
NCBI Accession:	NP_003236

Application Details

Application Notes:	Western Blot: Approx 80 kDa band observed in Human Tonsil lysates (calculated MW of 76.6 kDa according to NP_003236.3). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
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. ABIN870644 (0.3µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.