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Datasheet for ABIN948556

## anti-TGM1 antibody (AA 1-817)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	TGM1
Binding Specificity:	AA 1-817
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This TGM1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human TGM1 protein.
Immunogen:	TGM1 (NP_000350.1, 1 a.a. ~ 817 a.a) full-length human protein.
Sequence:	MMDGPRSDVG RWGGNPLQPP TTPSPEPEPE PDGRSRRGGG RSFWARCCGC CSCRNAADDD WGPEPSDSRG RGSSSGTRRP GSRGSDSRRP VSRGSGVNAA GDGTIREGML VVNGVDLLSS RSDQNRREHH TDEYEYDELI VRRGQPFHML LLLSRTYESS DRITLELLIG NNPEVGKGTGTH VIIPVGKGGG GGWKAQVVKA SGQNLNLRVH TSPNAIIGKF QFTVRTQSDA GEFQLPFDPDR NEIYILFNPW CPEDIVYVDH EDWRQEYVLN ESGRIYYGTE AQIGERTWNY GQFDHGVLDLA CLYILDRRGM PYGGRGDPVN VSRVISAMVN SLDDNGVLIG NWSGDYSRGT NPSAWVGSVE ILLSYLRTGY SVPYGGCQWVF AGVTTTTVLRG LGLATRTVTN FNSAHD TDTS LTMDIYFDEN MKPLEHLNHD SVWNFHWVND CWMKRPDLPS GFDGWQVVDA TPQETSSGIF CCGPCSVESI KNGLVYMKYD TPFIFAEVNS DKVYWQRQDD GSFKIVYVEE KAIGTLIVTK AISSNMREDI TYLYKHPEGS DAERKAVETA AAHGSKPNVY ANRGS AEDVA MQVEAQDAVM GQDLMVSVML

## Product Details

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INHSSSRRTV KLHLYLSVTF YTGVSQTIFK ETKKEVELAP GASDRVTMPV AYKEYRPHLV  
DQGAMLLNVS GHVKESGQVL AKQHTFRLRT PDLSTLLGA AVVGQECEVQ IVFKNPLPVT  
LTNVVFRLEG SGLQRPKILN VGDIGGNETV TLRQSFVPVR PGPRQLIASL DSPQLSQVHG  
VIQVDVAPAP GDGGFFSDAG GDSHLGETIP MASRGGGA

Cross-Reactivity: Human

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

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Target: TGM1

Alternative Name: TGM1 ([TGM1 Products](#))

Background: Full Gene Name: transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltransferase)  
Synonyms: ICR2,KTG,LI,LI1,TGASE,TGK

Gene ID: 7051

NCBI Accession: [NM\\_000359](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

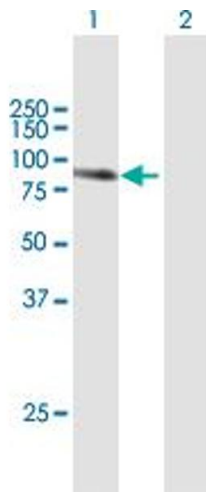
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Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



### Western Blotting

**Image 1.** Western Blot analysis of TGM1 expression in transfected 293T cell line by TGM1 MaxPab polyclonal antibody.

Lane 1: TGM1 transfected lysate(89.87 KDa).

Lane 2: Non-transfected lysate.