

Datasheet for ABIN520884
anti-TGM1 antibody (AA 1-817)



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2 Images

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), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human TGM1 protein.
Immunogen:	TGM1 (AAH34699, 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 GEFQLPFDPR NEIYILFNPW CPEDIVYVDH EDWRQEYVLN ESGRIYYGTE AQIGERTWNY GQFDHGVLD CLYILDRRGM PYGGRGDPVN VSRVISAMVN SLDDNGVLIG NWSGDYSRGT NPSAWVGSVE ILLSYLRTGY SVPYGCQWVF AGVTTTTVLR LGLATRTVTN FNSAHD TDTS LTMDIYFDEN MKPLEHLNHD SVWNFHWND CWMKRPDLPS GFDGWQVVDA TPQETSSGIF CCGPCSVESI KNGLVYMKYD TPFIFAEVNS DKVYWQRQDD GSFKIVYVEE KAIGTLIVTK AISSNMREDI TYLYKHPEGS DAERKAVETA AAHGSKPNVY ANRGS AEDVA MQVEAQDAVM GQDLMVSVML

Product Details

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

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

Application Details

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

Restrictions: For Research Use only

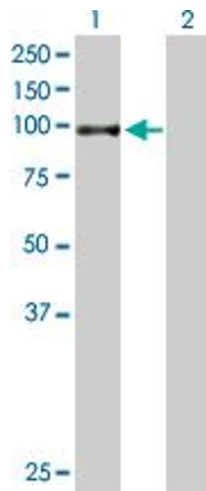
Handling

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.

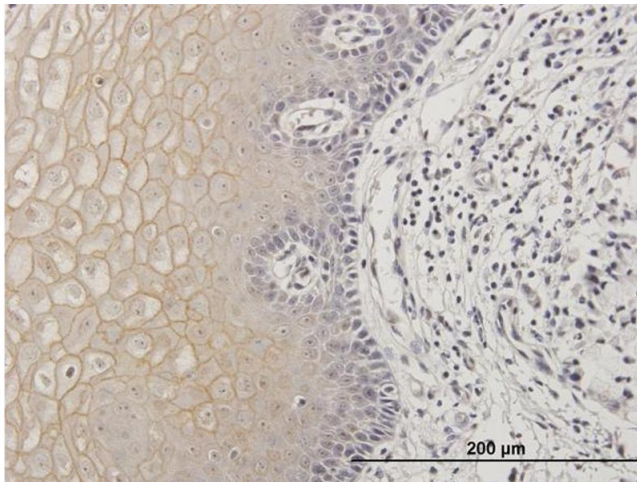


Western Blotting

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.



Immunostaining

Image 2. Immunoperoxidase of purified MaxPab antibody to TGM1 on formalin-fixed paraffin-embedded human uterine cervix. [antibody concentration 3 ug/ml]