

Datasheet for ABIN520887

anti-Transglutaminase 2 antibody (AA 1-548)



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2 Images

Overview

Quantity:	50 µg
Target:	Transglutaminase 2 (TGM2)
Binding Specificity:	AA 1-548
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Transglutaminase 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human TGM2 protein.
Immunogen:	TGM2 (NP_945189.1, 1 a.a. ~ 548 a.a) full-length human protein.
Sequence:	MAEELVLERC DLELETNGRD HHTADLCREK LVVRRGQPFW LTLHFEGRNY EASVDSLTF VVTGPAPSQE AGTKARFPLR DAVEEGDWTA TVVDQQDCTL SLQLTTPANA PIGLYRLSLE ASTGYQGSSF VLGHFILLFN AWCPADAVYL DSEEERQEYV LTQQGFIYQG SAKFIKNIPW NFGQFEDGIL DICLILLDVN PKFLKNAGRD CSRRSSPVYV GRVVS GMVNC NDDQGVLLGR WDNNYGDGVS PMSWIGSVDI LRRWKNHGCQ RVKYGQCWVF AAVACTVLRC LGIPTRVVTN YNSAHDQNSN LLIEYFRNEF GEIQGDKSEM IWNFHCWVES WMTRPDLQPG YEGWQALDPT PQEKSEGTYC CGPVPVRAIK EGD LSTKYDA PFVFAEVNAD VVDWIQQDDG SVHKSINRSL IVGLKISTKS VGRDEREDIT HTYKYPEGSS EEREAFTRAN HLNKLAEKEE TGMAMRIRVG QSMNMGSDFD VFAHITNNTA EEYVCRLLLC ARTVSYNGIL GPECGTKYLL NLNLEPFSGK ALCSWSIC

Product Details

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

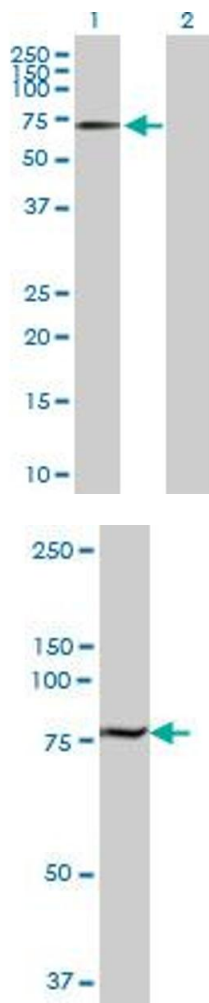
Target:	Transglutaminase 2 (TGM2)
Alternative Name:	TGM2 (TGM2 Products)
Background:	Full Gene Name: transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase) Synonyms: G-ALPHA-h,GNAH,TG2,TGC
Gene ID:	7052
NCBI Accession:	NM_198951
Pathways:	Tube Formation , Thromboxane A2 Receptor Signaling

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 TGM2 expression in transfected 293T cell line by TGM2 MaxPab polyclonal antibody.

Lane 1: TGM2 transfected lysate(60.28 kDa).

Lane 2: Non-transfected lysate.

Western Blotting

Image 2. TGM2 MaxPab polyclonal antibody. Western Blot analysis of TGM2 expression in human placenta.