

TGM2 Polyclonal Antibody

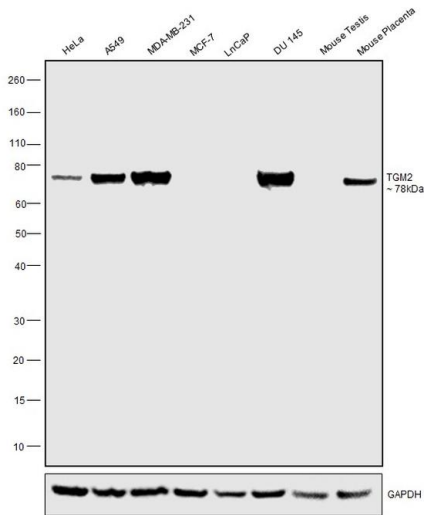
Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A portion of amino acids 600-650 of human Transglutaminase 2
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2540744

Applications	Tested Dilution	Publications
Western Blot (WB)	2-5 µg/mL	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1-2 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

Product Images For TGM2 Polyclonal Antibody

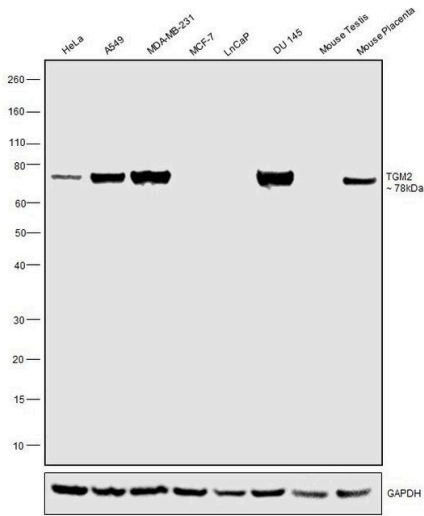
TGM2 Antibody (PA5-23219) in WB

Western blot was performed using Anti-TGM2 Polyclonal Antibody(Product # PA5-23219) and a 78 kDa band corresponding to TGM2 was observed across cell lines and tissue tested. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), A549 (Lane 2), MDA-MB-231 (Lane 3), MCF7 (Lane 4), LNCaP (Lane 5) and DU 145 (Lane 6).Tissue extracts of Mouse Testis (Lane 7) and Mouse Placenta (Lane 8), were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (2 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



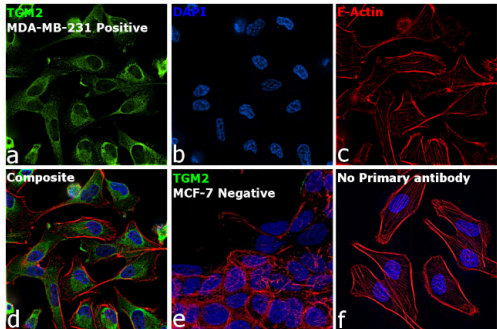
TGM2 Antibody (PA5-23219)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines and tissues tested owing to their inherent genetic constitution. Relative expression of TGM2 was observed in High in MDA-MB-231 and low or negative in MCF-7. Similarly expression of TGM2 was High in DU 145 and low or negative in LNCaP. In tissues expression was high in Mouse Placenta and Low or negative in Mouse Testis using Anti-TGM2 Polyclonal Antibody (Product # PA5-23219) in Western Blot.(Ref :<https://doi.org/10.1016/j.ejca.2014.02.014>, DOI:10.1093/carcin/bgm280). {RE}



TGM2 Antibody (PA5-23219)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Anti-TGM2 Polyclonal antibody (Product # PA5-23219) shows increased expression of TGM2 in MDA-MB-231 cell line when compared to no expression in MCF7 (doi: 10.1093/carcin/bgm280). {RE}



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Western Blot (1)

<p>Nature communications</p> <p>Intracellular construction of topology-controlled polypeptide nanostructures with diverse biological functions.</p> <p>"Published figure using TGM2 polyclonal antibody (Product # PA5-23219) in Western Blot"</p> <p>Authors: Li LL,Qiao SL,Liu WJ,Ma Y,Wan D,Pan J,Wang H</p>	<p>Year</p> <p>2017</p> <p>Species</p> <p>Human</p>
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