

TGM2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 256 and 584 of Human Transglutaminase 2
Form	Liquid
Concentration	0.44 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 10% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546833

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

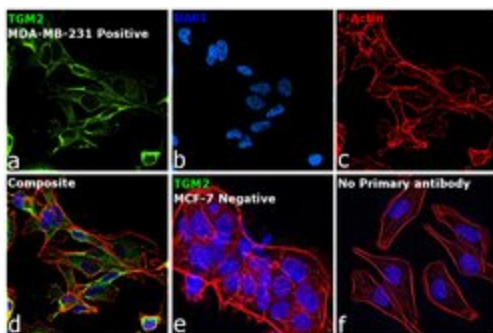
Product Specific Information

Recommended positive controls: H1299, HeLa, HepG2.

Predicted reactivity: Mouse (84%), Rat (82%), Bovine (88%), Guinea pig (82%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Advanced Verification Data

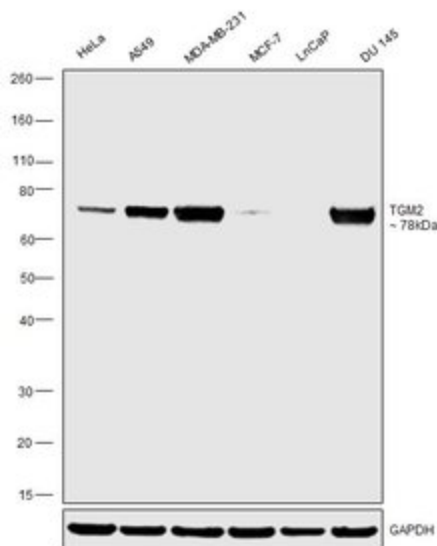


TGM2 Antibody (PA5-29357)

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 # PA5-29357) shows increased expression of TGM2 in MDA-MB-231 cell line when compared to no expression in MCF7 (doi: 10.1093/carcin/bgm280). Relative expression validation info.

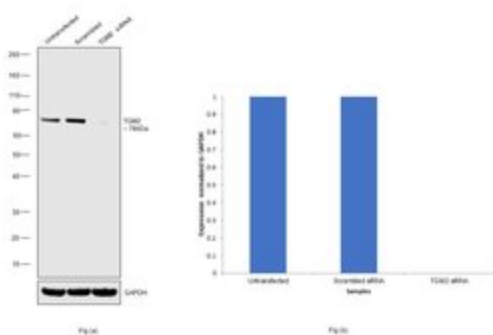
TGM2 Antibody (PA5-29357)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines 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. using Anti-TGM2 Polyclonal Antibody (Product # PA5-29357) in Western Blot. (Ref :<https://doi.org/10.1016/j.ejca.2014.02.014>, DOI:10.1093/carcin/bgm280). Relative expression validation info.



TGM2 Antibody (PA5-29357)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. HeLa cells were transfected with TGM2 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-TGM2 Polyclonal Antibody (Product # PA5-29357). Knockdown validation info.



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