

Datasheet for ABIN7297134

anti-Transglutaminase 2 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	Transglutaminase 2 (TGM2)
Binding Specificity:	N-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transglutaminase 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Transglutaminase 2.
Specificity:	Recognizes endogenous levels of Transglutaminase 2 protein.
Characteristics:	Rabbit polyclonal antibody to Transglutaminase 2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Transglutaminase 2 (TGM2)
Alternative Name:	Transglutaminase 2 (TGM2 Products)
Background:	Protein-glutamine gamma-glutamyltransferase 2, Tissue transglutaminase, Transglutaminase

Target Details

	C, TG(C), TGC, TGase C, Transglutaminase H, TGase H, Transglutaminase-2, TGase-2
Gene ID:	7052
UniProt:	P21980
Pathways:	Tube Formation , Thromboxane A2 Receptor Signaling

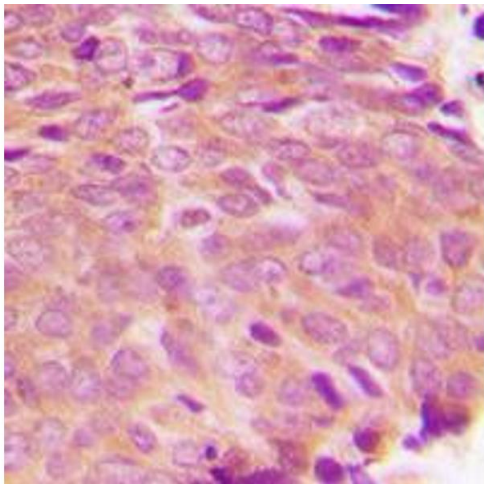
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

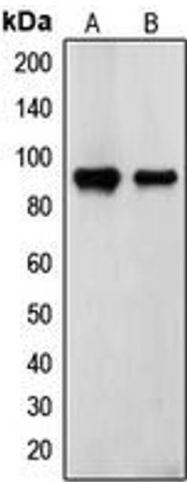
Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of Transglutaminase 2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was

then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of Transglutaminase 2 expression in ECV304 (A), TF1 (B) whole cell lysates.