

Datasheet for ABIN1533422

anti-Transglutaminase 2 antibody (AA 1-50)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Transglutaminase 2 (TGM2)
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Transglutaminase 2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Transglutaminase 2.
Isotype:	IgG
Specificity:	Transglutaminase 2 Antibody detects endogenous levels of total Transglutaminase 2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Transglutaminase 2 (TGM2)
Alternative Name:	Transglutaminase 2 (TGM2 Products)

Target Details

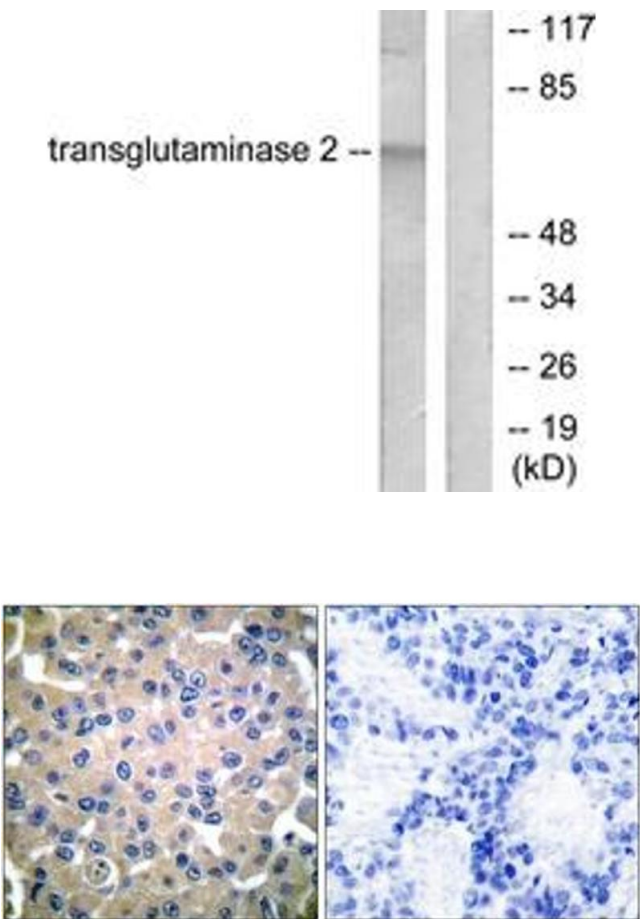
Background:	Synonyms: false NCBI Gene Symbol: TGM2
Molecular Weight:	77 kDa
Gene ID:	7052
OMIM:	190196
UniProt:	P21980
Pathways:	Tube Formation, Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000
Comment:	Unigene-Number: Hs.517033 (NCBI Gene Symbol: TGM2)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells, using Transglutaminase 2 Antibody. The lane on the right is treated with the synthesized peptide.

Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Transglutaminase 2 Antibody. The picture on the right is treated with the synthesized peptide.