antibodies -online.com





anti-TGM3 antibody

2 Images



Go to Product page

Overview

Quantity:	200 μL
Target:	TGM3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGM3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

lmmunogen:	Recombinant fusion protein of human TGM3 (NP_003236.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	TGM3
Alternative Name:	TGM3 (TGM3 Products)
Background:	Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma
	glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not
	conserved, they all have the same amino acid sequence at their active sites and their activity is
	calcium-dependent. The protein encoded by this gene consists of two polypeptide chains

Target Details

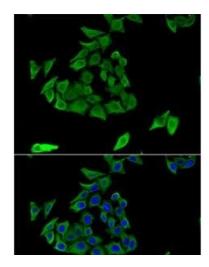
	activated from a single precursor protein by proteolysis. The encoded protein is involved the later stages of cell envelope formation in the epidermis and hair follicle.
Molecular Weight:	Observed_MW: 72 kDa Calculated_MW: 76 kDa
Gene ID:	7053
UniProt:	Q08188

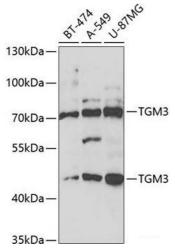
Application Details

Application Notes:	WB 1:500-1:2000 IF 1:10-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	Store at -20°C. Avoid freeze / thaw cycles.





Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using TGM3 Polyclonal Antibody

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using TGM3 Polyclonal Antibody at dilution of 1:1000.