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# anti-TGM3 antibody

2 Images



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

## Product Details

Immunogen:	Fusion protein of human TGM3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen 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: Refer to figures  Calculated_MW: 77 kDa
UniProt:	Q08188

#### **Application Details**

Concentration:

Application Notes:	WB 1:1000-1:5000, IHC 1:50-1:200, ELISA 1:5000-1:10000
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

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Preservative:	Sodium azide		

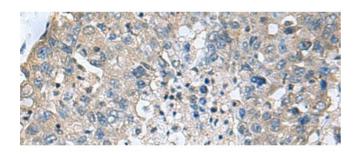
0.96 mg/mL

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

Storage: -20 °C
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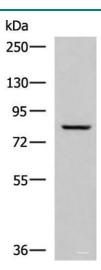
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

#### **Images**



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TGM3 Polyclonal Antibody at dilution of 1:55(x200)



#### **Western Blotting**

**Image 2.** Western blot analysis of Human tongue tissue lysate using TGM3 Polyclonal Antibody at dilution of 1:800