

## Product datasheet for **TA368886S**

### Transglutaminase 3 (TGM3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Human tongue tissue lysate IHC: 50- 200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TGM3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	77 kDa
Gene Name:	transglutaminase 3
Database Link:	<a href="#">Entrez Gene 7053 Human Q08188</a>

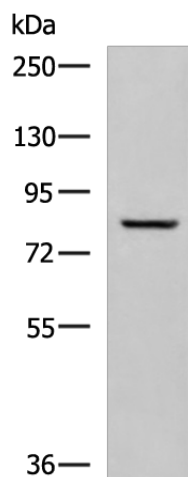
**Background:** Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent.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

**Synonyms:** MGC126249; MGC126250; TG(E); TGE; Transglutaminase-3

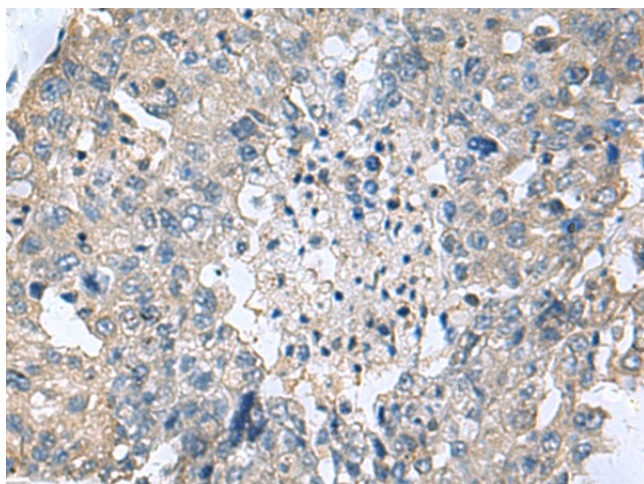


[View online »](#)

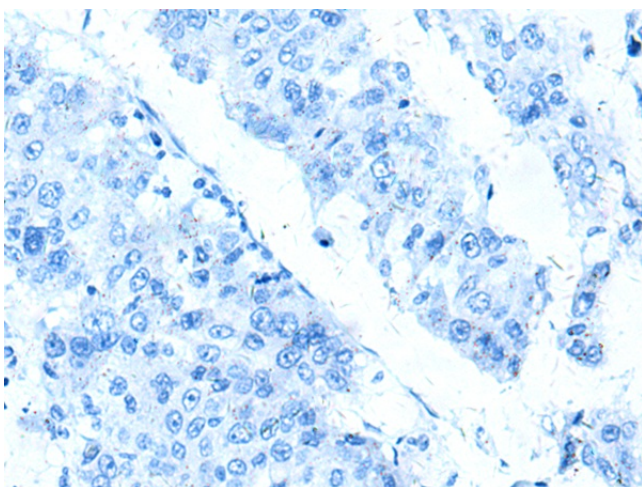
## Product images:



Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Human tongue tissue lysate  
Primary antibody: [TA368886] (TGM3 Antibody) at dilution 1/800  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368886] (TGM3 Antibody) at dilution 1/55 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368886] (TGM3 Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: ×200)