

Anti-TGM3 antibody (1-180) (STJ28419)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

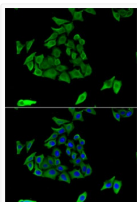
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:10-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 77kDa Observed Mw: 77kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

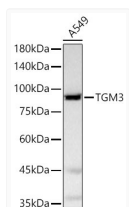
Gene ID	7053
Gene Symbol	TGM3
UniProt ID	TGM3_HUMAN
Immunogen Region	1-180
Immunogen Sequence	MAALGVQSINWQTAFNRQAH HTDKFSSQELILRRGNFQV LMIMNKGLGSNERLEFIVST GPYPSESAMTKAVFPLSNGS SGGWSAVLQASNGNTLTISI SSPASAPIGRYTMALQIFSQ GGISSVKLGTFFILLNPWLN VDSVFMGNHAEREEYVQEDA GIIFVGSTNRIGMIGWNFGQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human TGM3 (NP_003236.3).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunofluorescence analysis of U2OS cells using TGM3 Rabbit polyclonal antibody (STJ28419). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from A549 cells using TGM3 Rabbit polyclonal antibody (STJ28419) at 1:600 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time:20s.