

TGM5 / Transglutaminase 5 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14831**Specification**

TGM5 / Transglutaminase 5 Antibody (C-Terminus) - Product Information

Application	WB, IHC-P, IF
Primary Accession	O43548
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200

TGM5 / Transglutaminase 5 Antibody (C-Terminus) - Additional Information**Gene ID** 9333**Other Names**

Protein-glutamine gamma-glutamyltransferase 5, 2.3.2.13, Transglutaminase X, TG(X), TGX, TGase X, Transglutaminase-5, TGase-5, TGM5, TGMX

Target/Specificity

Human TGM5 / Transglutaminase 5. TGM5 antibody is predicted to not cross-react with other TGase protein family members. Multiple isoforms of TGM5 are known to exist.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

TGM5 / Transglutaminase 5 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TGM5 / Transglutaminase 5 Antibody (C-Terminus) - Protein Information**Name** TGM5**Synonyms** TGMX**Function**

Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Contributes to the formation of the cornified cell envelope of keratinocytes.

Cellular Location

Cytoplasm. Note=Associated with intermediate filaments

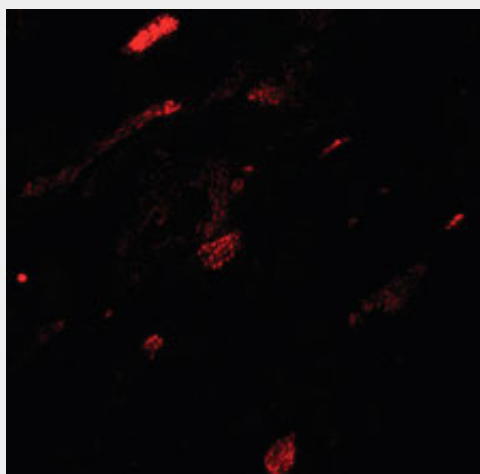
Tissue Location

Expressed in foreskin keratinocytes.

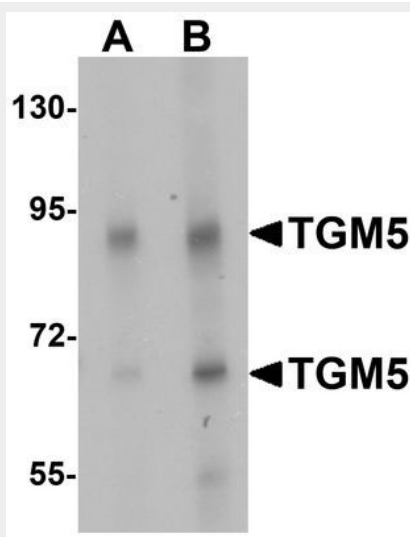
TGM5 / Transglutaminase 5 Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

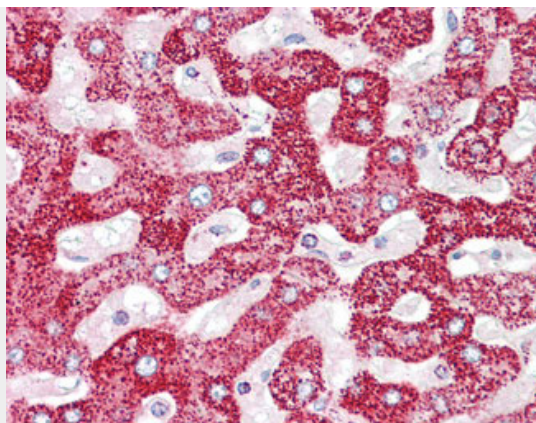
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TGM5 / Transglutaminase 5 Antibody (C-Terminus) - Images

Immunofluorescence of TGM5 in mouse heart tissue with TGM5 antibody at 20 ug/ml.



Western blot analysis of TGM5 in rat heart tissue lysate with TGM5 antibody at (A) 1 and (B) 2...



Anti-Transglutaminase 5 antibody IHC of human liver.

TGM5 / Transglutaminase 5 Antibody (C-Terminus) - Background

Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Contributes to the formation of the cornified cell envelope of keratinocytes.

TGM5 / Transglutaminase 5 Antibody (C-Terminus) - References

- Aeschlimann D.,et al.J. Biol. Chem. 273:3452-3460(1998).
Grenard P.,et al.J. Biol. Chem. 276:33066-33078(2001).
Rufini A.,et al.Amino Acids 26:425-430(2004).
Cassidy A.J.,et al.Am. J. Hum. Genet. 77:909-917(2005).