10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TGM1 / Transglutaminase Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17747

Product Information

Application	WB, IHC-P
Primary Accession	P22735
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	89787

Additional Information

Gene ID	7051
Alias Symbol	TGM1
Other Names	TGM1, Epidermal TGase, LI1, ICR2, LI, TG(K), Transglutaminase-1, TGase K, TGase-1, Transglutaminase, keratinocyte, Transglutaminase i (k), KTG, TGASE, TGK, Transglutaminase, Transglutaminase 1 isoform, Transglutaminase K
Target/Specificity	Keratinocyte transglutaminase 1 from human
Reconstitution & Storage	Antiserum
Precautions	Anti-TGM1 / Transglutaminase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TGM1
Synonyms	KTG
Function	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins (PubMed:7629111, PubMed:8824274, PubMed:26220141, PubMed:20663883). Responsible for cross-linking epidermal proteins during formation of the stratum corneum (PubMed:26220141). Involved in cell proliferation (PubMed:26220141).
Cellular Location	Cell membrane; Lipid-anchor. Cytoplasm, cytosol Note=Myristoylation and palmitoylation mediate the membrane localization.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.