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TGM1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11930

Product Information

Application	WB
Primary Accession	P22735
Other Accession	NM_000359, NP_000350
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	89787

Additional Information

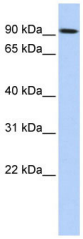
Gene ID	7051
Alias Symbol	ICR2, KTG, LI, LI1, TGASE, TGK
Other Names	Protein-glutamine gamma-glutamyltransferase K, 2.3.2.13, Epidermal TGase, Transglutaminase K, TG(K), TGK, TGase K, Transglutaminase-1, TGase-1, TGM1, KTG
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-TGM1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TGM1 antibody - N-terminal region 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.

Images



WB Suggested Anti-TGM1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Transfected 293T

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