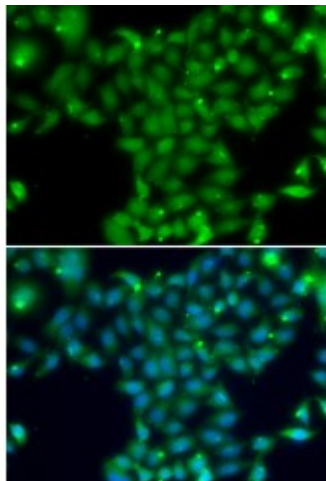


Anti-TGM5 Antibody



Description

This gene encodes a member of the transglutaminase family. The encoded protein catalyzes formation of protein cross-links between glutamine and lysine residues, often resulting in stabilization of protein assemblies. This reaction is calcium dependent. Mutations in this gene have been associated with acral peeling skin syndrome.

Model	STJ115350
Host	Rabbit
Reactivity	Human
Applications	IF
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 461-720 of human TGM5 (NP_963925.2).
Gene ID	9333
Gene Symbol	TGM5
Dilution range	IF 1:50 - 1:200
Tissue Specificity	Expressed in foreskin keratinocytes
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Protein-glutamine gamma-glutamyltransferase 5
Molecular Weight	80.778 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:11781 OMIM:603805 Reactome:R-HSA-6809371
Alternative Names	Protein-glutamine gamma-glutamyltransferase 5
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 Localization	Cytoplasm,

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