

Product datasheet for **TA319777**

Transglutaminase 5 (TGM5) Rabbit Polyclonal Antibody

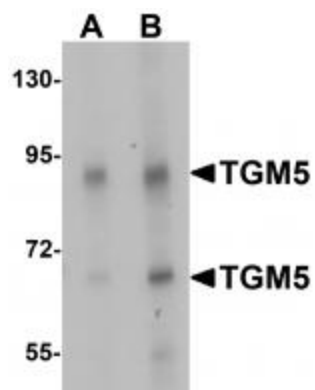
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TGM5 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human TGM5.
Formulation:	TGM5 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TGM5 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transglutaminase 5
Database Link:	NP_963925 Entrez Gene 9333 Human O43548
Background:	TGM5 Antibody: Transglutaminases (TGM) are a family of structurally and functionally related Ca ²⁺ -dependent enzymes (TGases) that stabilize protein assemblies through the formation of gamma-glutamyl-epsilon lysine crosslinks. TGases influence numerous biological processes, including blood coagulation, cell differentiation, fertilization and apoptosis. TGM5 belongs to the transglutaminase superfamily and catalyzes the cross-linking of proteins between glutamine and lysine residues, often resulting in stabilization of protein assemblies. TGM5 is also expressed in the human hair follicle. Defects in TGM5 are associated with acral peeling skin syndrome.
Synonyms:	PSS2; TGASE5; TGASEX; TGM6; TGMX; TGX

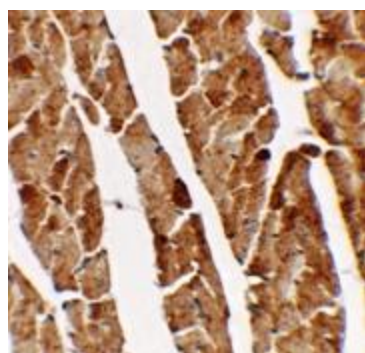


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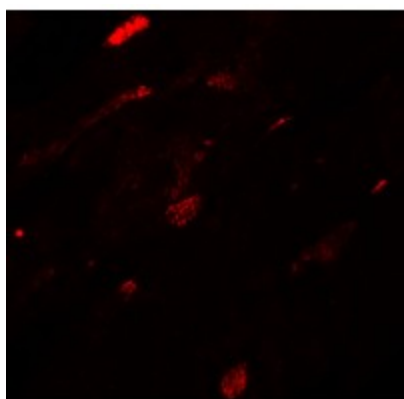
Product images:



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



Immunohistochemistry of TGM5 in mouse heart tissue with TGM5 antibody at 2.5 ug/mL.



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