

Product datasheet for **TA320086**

Transglutaminase 7 (TGM7) Rabbit Polyclonal Antibody

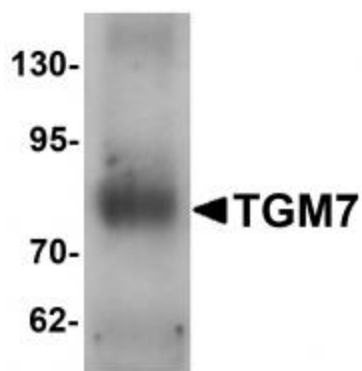
Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 ug/mL, IF: 10 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TGM7 antibody was raised against a 13 amino acid synthetic peptide near the center of human TGM7.
Formulation:	TGM7 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TGM7 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 7
Database Link:	AF363393 Entrez Gene 116179 Human Q96PF1
Background:	TGM7 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. TGM7 belongs to the transglutaminase superfamily and is also thought to catalyze the cross-linking of proteins, often resulting in stabilization of protein assemblies. Little is known of the role of TGM7, but defects in the highly related protein TGM5 are associated with acral peeling skin syndrome.
Synonyms:	TGMZ

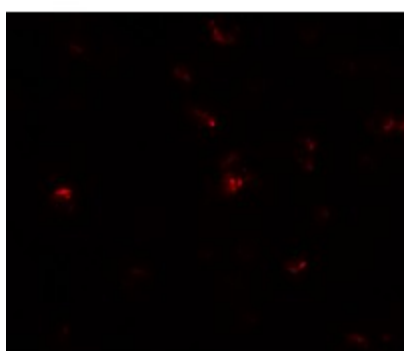


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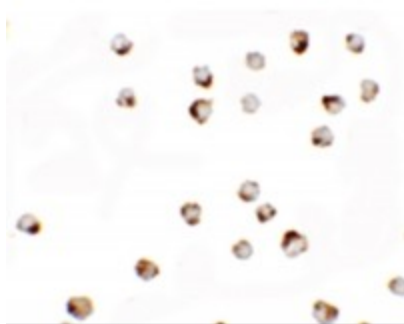
Product images:



Western blot analysis of TGM7 in human lung tissue lysate with TGM7 antibody at 1 ug/mL.



Immunofluorescence of TGM7 in A549 cells with TGM7 antibody at 10 ug/mL.



Immunocytochemistry of TGM7 in A549 cells with TGM7 antibody at 2.5 ug/mL.