

DATASHEET

TGase1 Rabbit Polyclonal Antibody

CAT. NO. APA13085

KEY FEATURES

Target	TGase1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins . Responsible for cross-linking epidermal proteins during formation of the stratum corneum . Involved in cell proliferation .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

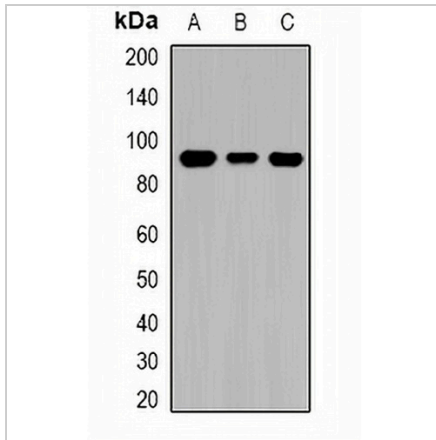
Description	Rabbit polyclonal antibody to TGase1
Specificity	Recognizes endogenous levels of TGase1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TGase1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 89 kD; Observed: 89 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KTG; Protein-glutamine gamma-glutamyltransferase K; Epidermal TGase; Transglutaminase K; TG(K); TGK; TGase K; Transglutaminase-1; TGase-1
Gene Symbol	TGM1
Entrez Gene	7051(Human)
SwissProt	P22735(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TGase1 expression in MCF7 (A), mouse kidney (B), rat brain (C) whole cell lysates. (Predicted band size: 89 kD; Observed band size: 89 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.