

DATASHEET

Transglutaminase 4 Rabbit Polyclonal Antibody

CAT. NO. APA17096

KEY FEATURES

Target	Transglutaminase 4	Source / Host	Rabbit
Reactivity	Human, Mouse	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

Associated with the mammalian reproductive process. Catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract.

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

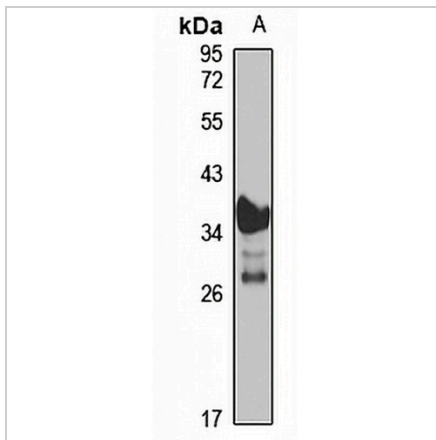
Description	Rabbit polyclonal antibody to Transglutaminase 4
Specificity	Recognizes endogenous levels of Transglutaminase 4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Transglutaminase 4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 29 kD; Observed: 36 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	Protein-glutamine gamma-glutamyltransferase 4; Fibrinolytic; Prostate transglutaminase; Prostate-specific transglutaminase; Transglutaminase P; TG(P); TGP; TGase P; Transglutaminase-4; TGase-4
Gene Symbol	TGM4
Entrez Gene	7047(Human); 331046(Mouse)
SwissProt	P49221(Human); Q8BZH1(Mouse)

*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 Transglutaminase 4 expression in Raji (A) whole cell lysates.
(Predicted band size: 29 kD; Observed band size: 36 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.