

Product datasheet

info@arigobio.com

ARG41106 anti-TGM5 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes TGM5

Tested Reactivity Hu, Ms, Rat
Tested Application IHC-P, WB
Host Rabbit
Clonality Polyclonal

Isotype IgG

Target Name TGM5

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 461-720 of Human TGM5 (NP_963925.2).

Conjugation Un-conjugated

Alternate Names Transglutaminase-5; TGM6; TGMX; TGase-5; TGX; TGase X; Protein-glutamine gamma-

glutamyltransferase 5; X; TGASE5; PSS2; TG; TGASEX; EC 2.3.2.13; Transglutaminase X

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat heart	
Observed Size	81 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol TGM5

Gene Full Name transglutaminase 5

Background 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. [provided by RefSeq, Oct 2009]

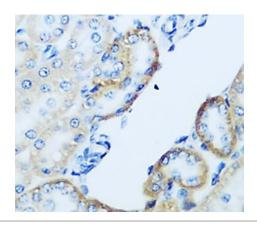
Function Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. Contributes to

the formation of the cornified cell envelope of keratinocytes. [UniProt]

Calculated Mw 81 kDa

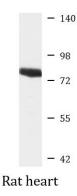
Cellular Localization Cytoplasm. Note=Associated with intermediate filaments. [UniProt]

Images



ARG41106 anti-TGM5 antibody IHC-P image

 $Immun ohistochem is try: Paraffin-embedded \ Rat\ kidney\ stained\ with ARG41106\ anti-TGM5\ antibody\ at\ 1:200\ dilution.$



ARG41106 anti-TGM5 antibody WB image

Western blot: 25 μg of Rat heart lysate stained with ARG41106 anti-TGM5 antibody at 1:1000 dilution.