

Product Datasheet

Transglutaminase 1/TGM1 Antibody H0007051-B02P

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00007051-B02P**Transglutaminase 1/TGM1 Antibody**

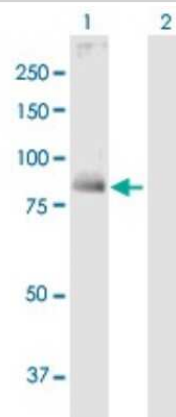
Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	7051
Gene Symbol	TGM1
Species	Human
Specificity/Sensitivity	TGM1 - transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltransferase),
Immunogen	TGM1 (AAH34699, 1 a.a. - 817 a.a.) full-length human protein. MMDGPRSDVGRWGGNPLQPPTTPSPEPEPEPDGRSRRGGGRSFWARCCGC CSCRNAADDDWGPEPSDSRGRGSSSGTRRPGSRGSDSRPVSRRGSGVNAA GDGTIREGMLVVNGVDLLSSRSDQNRREHHTDEYEYDELIVRRGQPFHMLLLL SRTYESSDRITLELLIGNNPEVGKGTHTVPIPVGKGGSGGWKAQVVKASGQNLNL RVHTSPNAIIGKFQFTVRTQSDAGEFQLPFDPRNEIYILFNPWCPEDIVYVDHED WRQEYVLNESGRIYYGTEAQIGERTWNYGQFDHGVLDACLILDRRGMPYGG RGDPVNVSRVISAMVNSLDDNGVLIGNWSGDYSRGTNPSAWVGSVEILLSYLR TGYSVPYGGQCWVVFAGVTTTTVLRCLGLATRTVTNFNSAHTDTSLTMDIYFDEN MKPLEHLNHDSVWNFHVWNCWWMKRPDLPSGFDGWQVVDATPQETSSGIFC CGPCSVESIKNGLVYMKYDTPFIFAEVNSDKVYVWQRQDDGSFKIVYVEEKAIGT LIVTKAISSNMREDITYLYKHPEGSDAERKAVETAAAHGSKPNVYANRGS AEDV AMQVEAQDAVMGQDLMVSVMLINHSSSRRTVKLHLYLSVTFTYTGVSFTIFKET KKEVELAPGASDRVTMPVAYKEYRPHLVDQGAMLLNVSGHVKESGQVLAKQH TFRLRTPDLSLTLGAAVVGQECEVQIVFKNPLPVTLTNVVFRLEGSGLQRPKIL NVGDIGGNETVTLRQSFVVRPGPRQLIASLDSPQLSQVHGVIVQVDVAPAPGD GGFFSDAGGDSHLGETIPMASRGA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

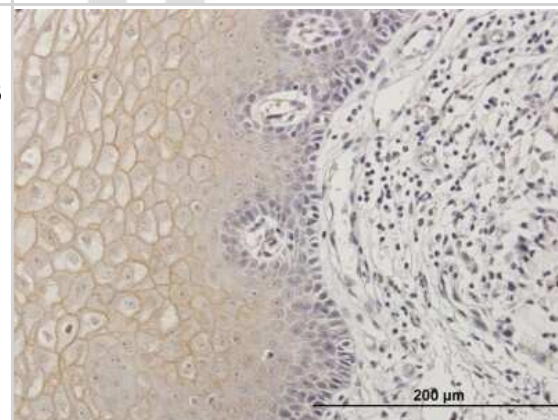
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. It has been used for IHC-P.

Images

Western Blot: Transglutaminase 1/TGM1 Antibody [H00007051-B02P] - Analysis of TGM1 expression in transfected 293T cell line by TGM1 polyclonal antibody. Lane 1: TGM1 transfected lysate(89.87 KDa). Lane 2: Non-transfected lysate.



Immunohistochemistry-Paraffin: Transglutaminase 1/TGM1 Antibody [H00007051-B02P] - Analysis of purified antibody to TGM1 on formalin-fixed paraffin-embedded human uterine cervix. (antibody concentration 3 ug/ml)



Publications

Shimada K, Ochiai T, Hasegawa H. et al. Ectopic transglutaminase 1 and 3 expression accelerating keratinization in oral lichen planus. J Int Med Res 2018-09-13 [PMID: 30213231]



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Products Related to H00007051-B02P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP2-34062PEP	Transglutaminase 1/TGM1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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