

Datasheet for ABIN1860740
anti-TGM1 antibody (AA 433-692) (APC)



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1 Image

Overview

Quantity:	100 µL
Target:	TGM1
Binding Specificity:	AA 433-692
Reactivity:	Rabbit
Host:	Guinea Pig
Clonality:	Polyclonal
Conjugate:	This TGM1 antibody is conjugated to APC
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Transglutaminase 1 (TGM1)
Immunogen:	Recombinant TGM1 expressed in E.coli. The antibody is a rabbit polyclonal antibody raised against TGM1.
Sequence:	MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWWQATF GGGDHPPKSD GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV LFQ GPLGSEF- MDIYFDEN MKPLEHLNRD SVWNFHVWND CWMKRPDLPS GFDGWQVVDA TPQETSSGIF CCGPCSVESV KNGLVYMKYD TPFIFAEVNS DKVYWQRQDD GSFKIVYVEE KAIGTLIVTK AVRSHMREDI THIIYKHPEGS DAERKAVETA AAHGSKPNVY DSRDSAEDVA MQVEAQDAVM GQDLTVSVVL TNRSSRRTV KLHLYLSVTF YTGVTGSIFK ESKKEVVLAA GSSDSVMPV

Product Details

	AYKEYRPHLV DQGAMLLNVS GH
Isotype:	IgG
Specificity:	The antibody is a cavia polyclonal antibody raised against TGM1. It has been selected for its ability to recognize TGM1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	TGM1
Alternative Name:	TGM1 (TGM1 Products)
Background:	TGK, ICR2, KTG, LI, LI1, TGASE, Transglutaminase 1, Keratinocyte, Transglutaminase K, K Polypeptide Epidermal Type I, Protein-Glutamine-Gamma-Glutamyltransferase

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100 Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

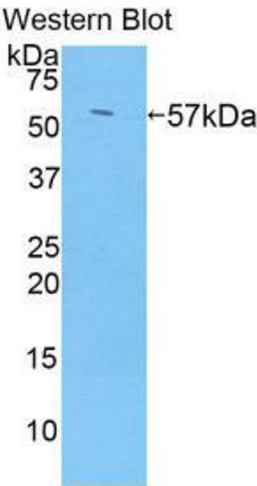
Format:	Liquid
Concentration:	500 µg/mL
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or

Handling

eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice:	Avoid repeated freeze/thaw cycles
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1.