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Datasheet for ABIN6740737  
**anti-TGM1 antibody (AA 71-120)**

1 Image

Overview

Quantity:	100 µL
Target:	TGM1
Binding Specificity:	AA 71-120
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Monkey, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGM1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa71-120 of human TGM1 (P22735, NP_000350). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Horse, Pig, Guinea pig (100%), Galago, Dog, Bovine, Bat, Rabbit (92%), Elephant (85%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human TGM1 / Transglutaminase
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Pig, Guinea pig (100%) Dog, Bovine, Rabbit (92%).
Purification:	Immunoaffinity purified

## Target Details

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Target:	TGM1
Alternative Name:	TGM1 / Transglutaminase ( <a href="#">TGM1 Products</a> )
Background:	Name/Gene ID: TGM1  Synonyms: TGM1, Epidermal TGase, LI1, ICR2, LI, TG(K), Transglutaminase-1, TGase K, TGase-1, Transglutaminase, keratinocyte, Transglutaminase i (k), KTG, TGASE, TGK, Transglutaminase, Transglutaminase 1 isoform, Transglutaminase K
Gene ID:	7051
NCBI Accession:	<a href="#">NP_000350</a>
UniProt:	<a href="#">P22735</a>

## Application Details

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Application Notes:	Approved: WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:1562500.  Not recommended for: IHC-P
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long

## Handling

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term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Images

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**Image 1.**