

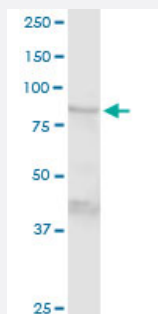
MaxPab®

TGM1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007051-D01P

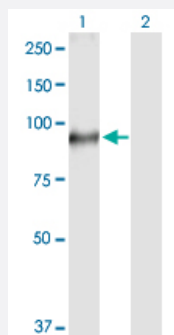
Size 100 ug

Applications



Western Blot (Tissue lysate)

TGM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TGM1 expression in mouse kidney.



Western Blot (Transfected lysate)

Western Blot analysis of TGM1 expression in transfected 293T cell line ([H00007051-T03](#)) by TGM1 MaxPab polyclonal antibody.

Lane 1: TGM1 transfected lysate(89.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human TGM1 protein.

Immunogen

TGM1 (NP_000350.1, 1 a.a. ~ 817 a.a) full-length human protein.

Sequence

MMDGPRSDVGRWGGNPLQPPTTPSPEPEPEPDGRSRRGGGRSFWARCCGCCSCRNAADDD
WGPEPSDSRGRGSSSGTRRPGSRGSDSRPVSRRSGSVNAAGDGTIREGMLVVNGVDLLSSRS
DQNRREHHTDEYEYDELIVRRGQPFHMLLLSRTYESSDRITLELLIGNNPEVGKGTHV IIPVGKGGS
GGWKAQVVKASGQNLNLRVHTSPNAIGKFQFTVRTQSDAGEFQLPFDPRNEIMLFNPWCPEDIV
YVDHEDWRQEYVLNESGRYYGTEAQIGERTWNYGQFDHGVLDACLYILDRRGMPYGGRGDPVN
VSRVISAMVNSLDDNGVLIGNWSGDYSRGTNPSAWVGSVEILLSYLRTGYSVPYGGCWWFAGVTT
TVLRCLGLATRTVTNFNSAHDTDTSLTMDIYFDENMKPLEHLNHDSVWNFHVWNCWMKRPDLP
SGFDGWQVVDATPQETSSGIFCCGPCSVESIKNGLVYMKYDTPFIFAEVNSDKVYWQRQDDGSF
KIVYEEKAIGTLIVTKAISSNMREDITYLYKHPEGSDAERKAVETAAAHGSKPNVYANRGS AEDVA
MQVEAQDAVMGQDLM/SVMLINHSSSRRTVKLHLYLSVTFYTGVS GTIFKETKKEVELAPGASDR
VTMPVAYKEYRPHLVDQGAMLLNVSGHVKESGQVLAKQHTFRLRTPDLSLTLLGAAVVGQECEV
QIVFKNPLPVTLTNNVFRLEGSLQRPKILNVGDIGGNETVTLRQSFVPVRPGPRQLIASLDSPQLS
QVHGVIVQVDVAPAPGDGGFFSDAGGDSHLGETIPMASRGA

Host

Rabbit

Reactivity

Human, Mouse

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

TGM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TGM1 expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TGM1 expression in transfected 293T cell line ([H00007051-T03](#)) by TGM1 MaxPab polyclonal antibody.

Lane 1: TGM1 transfected lysate(89.80 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — TGM1

Entrez GeneID

[7051](#)

GeneBank Accession#

[NM_000359.2](#)

Protein Accession#	NP_000350.1
Gene Name	TGM1
Gene Alias	ICR2, KTG, LI, LI1, TGASE, TGK
Gene Description	transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltransferase)
Omim ID	190195 242100 242300
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a membrane protein that catalyzes the addition of an alkyl group from an alkylamine to a glutamine residue of a protein, forming an alkylglutamine in the protein. This protein alkylation leads to crosslinking of proteins and catenation of polyamines to proteins. This gene contains either one or two copies of a 22 nt repeat unit in its 3' UTR. Mutations in this gene have been associated with autosomal recessive lamellar ichthyosis (LI) and nonbullous congenital ichthyosiform erythroderma (NCIE). [provided by RefSeq]
Other Designations	TGase K epidermal TGase transglutaminase 1 transglutaminase K transglutaminase, keratinocyte

Disease

- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Ichthyosiform Erythroderma](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)