

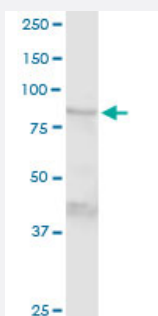
MaxPab®

TGM1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00007051-D01

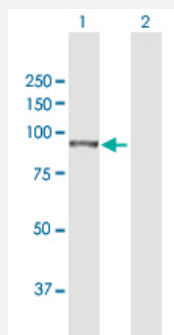
Size 100 uL

Applications



Western Blot (Tissue lysate)

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

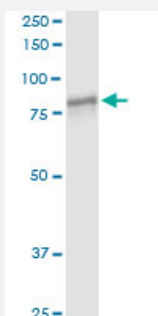


Western Blot (Transfected lysate)

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

Lane 1: TGM1 transfected lysate(89.8 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of TGM1 transfected lysate using anti-TGM1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TGM1 purified MaxPab mouse polyclonal antibody (B01P) ([H00007051-B01P](#)).

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 WGPEPSDSRGRGSSSGTRRPGSRGSDSRPVSRGSGVNAAGDGTIREGMLVVNGVDLLSSRS DQNRREHHTDEYEYDELIVRRGQPFHMLLLSRITYESSDRITLLELLIGNNPEVGKGTHV IIPVGKGGG GGWKAQVVKASGQNLNLRVHTSPNAIGKFQFTVRTQSDAGEFQLPFDPRNEIMLFNPWCPEDV YVDHEDWRQEYVLNESGRIYYGTEAQIGERTWNYGQFDHGVLDACLYILDRRGMPYGGRGDPVN VSRVISAMVNSLDDNGVLIGNWSGDYSRGTNP SAWVGSVEILLSYLRTGYSVPYGGCWWFAGVTT TVLRCLGLATRTVTNFNSAHDTDTSLTMDIYFDENMKPLEHLNHDSVWNFHVWNCWMKRPDLP SGFDGWQVVDATPQETSSGIFCCGPCSVESIKNGLVYMKYDTPFIFAEVNSDKVYWQRQDDGSF KIVYEEKAIGTLVTKAISSNMREDITYLKHPEGSDAERKAVETAAAHGSKPNVYANRGS AEDVA MQVEAQDAVMGQDLMVSVMLINHSSSRRTVKLHLYLSVTFYTGVS GTIFKETKKEVELAPGASDR VTMPVAYKEYRPHLVDQGAMLLNVSGHVKESGQVLAKQHTFRLRTPDLSLTLLGA AVVGQECEV QIVFKNPLPVTLTNVVFRLEGSGLQRPKILNVGDIGGNETVTLRQSFVPVRPGPRQLIASLDSPQLS QVHGVIQVDVAPAPGDGGFFSDAGGDSHLGETIPMASRGGA
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
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.

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[Protocol Download](#)

- Immunoprecipitation

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[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

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