

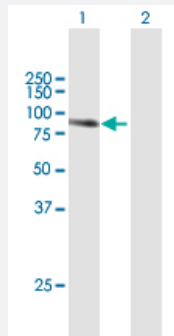
MaxPab®

TGM1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007051-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TGM1 expression in transfected 293T cell line ([H00007051-T02](#)) by TGM1 MaxPab polyclonal antibody.

Lane 1: TGM1 transfected lysate(89.87 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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 WGPEPSDSRGRGSSSGTRRPGSRGSDSRRPVSRGSGVNAAGDGTIREGMLVVNGVDLLSSRS DQNRREHHTDEYEYDELIVRRGQPFHMLLLSRTYESSDRITLELLIGNNPEVGKGTHVIFVVGKGGG GGWKAQVVKASGQNLNLRVHTSPNAIGKFQFTVRTQSDAGEFQLPFDPRNEIMLFNPWCPEDIV YVDHEDWRQEYVLNESGRIYYGTEAQIGERTWNYGQFDHGVLDACLYILDRRGMPYGGRGDPVN VSRVISAMVNSLDDNGVLIGNWSGDYSRGTNPSAWVGSVEILLSYLRTGYSVPYGGCWFAGVTT TVLRCLGLATRTVTNFNSAHDTDTSLTMDIYFDENMKPLEHLNHDSVWNFHVWNCWMKRPDLP SGFDGWQVVDATPQETSSGIFCCGPCSVESIKNGLVYMKYDTPFIFAEVNSDKVYWQRQDDGSF KIVYEEKAIGTLIVTKAISSNMREDITYLKHPGSDAERKAVETAAAHGSKPNVYANRGS AEDVA MQVEAQDAVMGQDLMVSVMLINHSSSRRTVKLHLYLSVTFYTGVS GTIFKETKKEVELAPGASDR VTMPVAYKEYRPHLVDQGAMLLNVSGHVKESGQVLAKQHTFRLRTPDLSLTLLGA AVVGQECEV QVFKNPLPVTLTNVVFRLEGSLQRPKILNVGDIGGNETVTLRQSFVPVRPGPRQLIASLDSPQLS QVHGVIQVDVAPAPGDGGFFSDAGGDSHLGETIPMASRGGA
Host	Mouse
Reactivity	Human

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 (Transfected lysate)

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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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