9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

TGM1 MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00007051-D01

Regulation Status: For research use only (RUO)

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:
MMDGPRSDVGRWGGNPLQPPTTPSPEPEPEPDGRS
RRGGGRSFWARCCGCCSCRNAADDDWGPEPSDSR
GRGSSSGTRRPGSRGSDSRRPVSRGSGVNAAGDGTI
REGMLVVNGVDLLSSRSDQNRREHHTDEYEYDELIVR
RGQPFHMLLLLSRTYESSDRITLELLIGNNPEVGKGTH
VIIPVGKGGSGGWKAQVVKASGQNLNLRVHTSPNAIIG
KFQFTVRTQSDAGEFQLPFDPRNEIYILFNPWCPEDIV
YVDHEDWRQEYVLNESGRIYYGTEAQIGERTWNYGQ
FDHGVLDACLYILDRRGMPYGGRGDPVNVSRVISAMV
NSLDDNGVLIGNWSGDYSRGTNPSAWVGSVEILLSYL
RTGYSVPYGQCWVFAGVTTTVLRCLGLATRTVTNFNS
AHDTDTSLTMDIYFDENMKPLEHLNHDSVWNFHVWN
DCWMKRPDLPSGFDGWQVVDATPQETSSGIFCCGPC
SVESIKNGLVYMKYDTPFIFAEVNSDKVYWQRQDDGS
FKIVYVEEKAIGTLIVTKAISSNMREDITYLYKHPEGSDA
ERKAVETAAAHGSKPNVYANRGSAEDVAMQVEAQDA
VMGQDLMVSVMLINHSSSRRTVKLHLYLSVTFYTGVS
GTIFKETKKEVELAPGASDRVTMPVAYKEYRPHLVDQ
GAMLLNVSGHVKESGQVLAKQHTFRLRTPDLSLTLLG
AAVVGQECEVQIVFKNPLPVTLTNVVFRLEGSGLQRP
KILNVGDIGGNETVTLRQSFVPVRPGPRQLIASLDSPQ
LSQVHGVIQVDVAPAPGDGGFFSDAGGDSHLGETIPM
ASRGGA

Host: Rabbit

Reactivity: Human,Mouse

Applications: IP, WB-Ti, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: No additive

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

Entrez GeneID: 7051

Gene Symbol: TGM1

Gene Alias: ICR2, KTG, LI, LI1, TGASE, TGK

Gene Summary: The protein encoded by this gene is a membrane protein that catalyzes the addition of an alkyl group from an akylamine 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]