

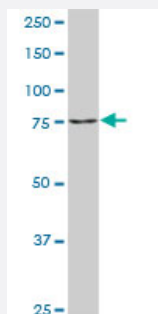
MaxPab®

TGM2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007052-D01P

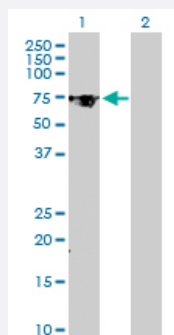
Size 100 ug

Applications



Western Blot (Tissue lysate)

TGM2 MaxPab rabbit polyclonal antibody. Western Blot analysis of TGM2 expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of TGM2 expression in transfected 293T cell line ([H00007052-T03](#)) by TGM2 MaxPab polyclonal antibody.

Lane 1: TGM2 transfected lysate(61.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human TGM2 protein.

Immunogen

TGM2 (NP_945189.1, 1 a.a. ~ 548 a.a) full-length human protein.

Sequence	MAEELVLERCDLELETNGRDHHTADLCREKLVVRGQPFWLTLHFEGRNYEASVDSLTFSSVVTG PAPSQEAGTKARFPLRDAVEEGDWTATVVDQQDCTLQLTTPANAPIGLYRLSLEASTGYQGS SFVLGHFILLFNAWCPADAVYLDSEEERQEYVLTQQGFIYQGSAKFIKNIPWNFGQFEDGILDICLIL LDVNPFLKNAGRDCSRRSSPVYVGRVVSGMVNCDNDQGVLLGRWDNNYGDGVSPMSWIGSV DILRRWKNHGCQRVKYGCQWVFAAVACTVLRCLGIPTRVVTNYSNHAHQNSNLLIEYFRNEFGEIQ GDKSEMIWNFHCWVESWMTRPDLQPGYEGWQALDPTPQEKSEGTCCGPVPVRAIKEGDLST KYDAPFVFAEVNADVVDWIQQDDGSVHKSINRSLVGLKISTKSVGRDEREDITHYKYPEGSSEE REAFTRANHLNKLAEKEETGMAMRIRVGQSMNMGSDFDVFAHITNNTAEEYVCRLLLCARTVSYN GILGPECGTKYLLNLNLEPFSGKALCSWSIC
Host	Rabbit
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.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of TGM2 expression in transfected 293T cell line ([H00007052-T03](#)) by TGM2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — TGM2

Entrez GeneID	7052
GeneBank Accession#	NM_198951
Protein Accession#	NP_945189.1
Gene Name	TGM2

Gene Alias	G-ALPHA-h, GNAH, TG2, TGC
Gene Description	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
Omim ID	190196
Gene Ontology	Hyperlink
Gene Summary	Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	C polypeptide OTTHUMP00000030960 TGase C TGase-H protein-glutamine-gamma-glutamyltransferase tissue transglutaminase transglutaminase 2 transglutaminase C

Disease

- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Exfoliation Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Schizophrenia](#)