

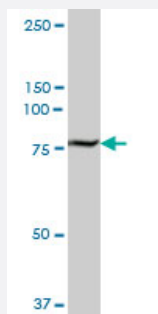
MaxPab®

TGM2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007052-B01P

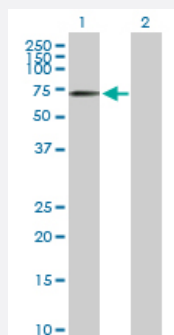
Size 50 ug

Applications



Western Blot (Tissue lysate)

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



Western Blot (Transfected lysate)

Western Blot analysis of TGM2 expression in transfected 293T cell line ([H00007052-T01](#)) by TGM2 MaxPab polyclonal antibody.

Lane 1: TGM2 transfected lysate(60.28 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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 PAPSQEAGTKARFPLRDAVEEGDWTATVVDQQDCTLSTLQLTTPANAPIGLYRLSLEASTGYQGS SFVLGHFILLFNAWCPADAVYLDSEEERQEYVLTQQGFIYQGSAKFIKNIPWNFGQFEDGILDICLIL LDVNPFLKNAGRDCSRRSSPVYVGRVVSGMVNCDNDQGVLLGRWDNNYGDGVSPMSWIGSV DILRRWKNHGCQRVKYGCQWVFAAVACTVLRCLGIPTRVVTNYSNHAHQNSNLLIEYFRNEFGEIQ GDKSEMWNFHCWVESWMTRPDLQPGYEGWQALDPTPQEKSEGTCCGPVPVRAIKEGDLST KYDAPFVFAEVNADVVDWIQQDDGSVHKSINRSLVGLKISTKSVGRDEREDITHYKYYPEGSSEE REAFTRANHLNKLAEKEETGMAMRIRVGQSMNMGSDFDVFAHITNNTAEEYVCRLLLCARTVSYN GILGPECGTKYLLNLNLEPFSGKALCSWSIC
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.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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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](#)
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- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
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