

DNAxPAb

Hard-to-Find
Antibody

TGM2 DNAxPab

Catalog # H00007052-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TGM2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAEELVLERCDLELETNGRDHHTADLCREKLVVRGQPFWLTLHFEGRNYEASVDSLTFSSVVTG PAPSQEAGTKARFPLRDAVEEGDWTATVVDQQDCTLQLTTPANAPIGLYRLSLEASTGYQGS SFVLGHFILLFNAWCPADAVYLDSEERQEYVLTQQGFYQGSAKFIKIPWNFGQFEDGILDICLIL LDVNPFLKLNAGRDCSRRSSPVYVGRVSGMVNCNDDQGVLLGRWDNNYGDGVSPMSWIGSV DILRRWKNHGCQRVKYGCWVFVAAVACTVLRCLGIPTRVVTNNSAHDQNSNLLIEYFRNEFGEIQ GDKSEMMWNFHCWVESWMTRPDLQPGYEGWQALDPTPQEKSEGTYCCGPVPVRAIKEGDLST KYDAPFVFAEVNADVVDWIQQDDGSVHKSINRSLVGLKISTKSVGRDEREDITHTYKYPEGSSEE REAFTRANHLNKLAEKEETGMAMRIRVGQSMNMGSDFDVFAHITNNTAEEYVCRLLLCARTVSYN GILGPECGTKYLLNLNLEPFSGKALCSWSIC
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — TGM2

Entrez GeneID [7052](#)

GeneBank Accession# [NM_198951.1](#)

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](#)