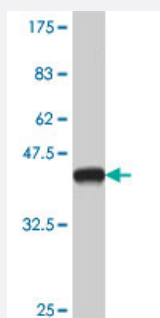


TGM2 polyclonal antibody (A01)

Catalog # H00007052-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (39.2 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TGM2.
Immunogen	TGM2 (AAH03551, 1 a.a. ~ 120 a.a) partial recombinant protein with GST tag.
Sequence	MAEELVLERCDLELETNGRDHHTADLCREKLVRRGQPFWLTLHFEGRNYEASVDSLTFSSVVTG PAPSQEAGTKARFPLRDAVEEGDWTATVVDQQDCTLSLQLTTPANAPIGLYRLSLE
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (39.2 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TGM2

Entrez GeneID	7052
GeneBank Accession#	BC003551
Protein Accession#	AAH03551
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](#)