

## TGM2

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**Reactivity:**Human

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF1:20 - 1:100

**Calculated MW:**77kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human TGM2

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

G-ALPHA-h; GNAH; TG2; TGC

**Catalog #:**A0840

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**7052

**Isotype:**IgG

**Swiss Prot:**P21980

**Purity:**Affinity purification

For research use only.

**Background:**

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, Jul 2008]

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