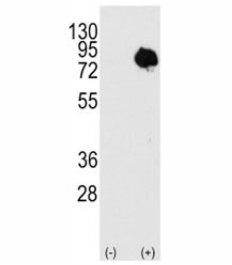
TG2 Antibody / Transglutaminase 2 (F50805)

Catalog No.	Formulation	Size
F50805-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50805-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	SAS immunoprecipitation purified
UniProt	P21980
Applications	Western Blot : 1:1000
Limitations	This TG2 antibody is available for research use only.



Western blot analysis of TG2 antibody and 293 cell lysate (2 ug/lane) either nontransfected or transiently transfected with the TGM2 gene. Predicted molecular weight: ~78kDa.

Description

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. TGM2 acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. It has been identified as the autoantigen implicated in celiac disease.

Visit our TGM2 Antibody / Transglutaminase 2 Antibody page to explore additional validated antibodies and research tools for investigating TGM2 expression, extracellular matrix remodeling, cell adhesion, fibrosis, and cancer progression.

Application Notes

Titration of the TG2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 413-442 from the human protein was used as the immunogen for this TG2 antibody.

Storage

Aliquot the TG2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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