antibodies - online.com







anti-TGM1 antibody

Images



Overview

Quantity:	25 μg
Target:	TGM1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGM1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide derived from specific domain of Transglutaminase-1 protein
Specificity:	Reacts with Human Transglutaminase-1.
Purification:	Antigen Affinity Chromatography

Target Details

Target:	TGM1
Alternative Name:	Transglutaminase-1 (TGM1) (TGM1 Products)
Background:	Tissue transglutaminase is a calcium activated enzyme which catalyzes the cross linking of proteins and the conjugation of polyamines to proteins. The identification of transglutaminase as the main antigen of endomysium antibodies allows a new diagnostic approach to celiac disease (CD). CD, a genetic, immunologically mediated small bowel enteropathy that causes

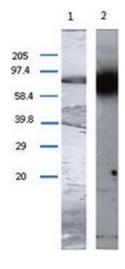
Target Details

	malabsorption, is one of the more common disorders in Western countries. Synonyms:
	Epidermal TGase, KTG, Protein-glutamine gamma-glutamyltransferase K, TGase K,
	Transglutaminase K
Gene ID:	7051
NCBI Accession:	NP_000350

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	0.1 M Tris, 0.1 M Glycine, 50 % Glycerol, pH 7.8, 0.02 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C

Images

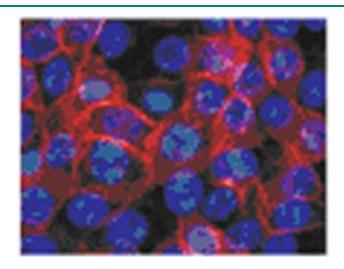


Western Blotting

Image 1. Western Blot using TGM1 antibody.

Lane 1: 50 ng Human recombinant TGM1

Lane 2: 500 ng Human recombinant TGM1



Immunofluorescence

Image 2. Human epidermal keratinocytes from neonatal foreskin stained in Immunofluorescence with TGM1 antibody *Cat.-No* AP55334PU-N