Product datasheet for TA347654

Transglutaminase 2 (TGM2) Rabbit Polyclonal Antibody

Product data:

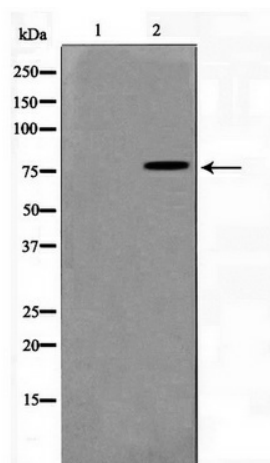|	
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TGM2 Antibody: A synthesized peptide derived from human TGM2
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	77 kDa
Gene Name:	transglutaminase 2
Database Link:	NP_004604 Entrez Gene 21817 MouseEntrez Gene 7052 Human P21980
Background:	TGM2 an enzyme of the transglutaminase family that catalyzes the crosslinking of proteins and the conjugation of polyamines to proteins. 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. . Is the autoantigen in coeliac disease and plays a role in apoptosis, cellular differentiation and matrix stabilisation.
Synonyms:	G-ALPHA-h; GNAH; HEL-S-45; TG2; TGC

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Note:	TGM2 Antibody detects endogenous levels of TGM2
Protein Families:	Druggable Genome
Protein Pathways:	Huntington's disease

Product images:

Western blot analysis on HuvEc cell lysate using TGM2 Antibody