

AP31020PU-N**Polyclonal Antibody to Transglutaminase-2 (TGM2) (full length) - Purified**

Alternate names:	Protein-glutamine gamma-glutamyltransferase 2, TGase C, TGase-H, Tissue transglutaminase
Quantity:	50 µg
Concentration:	1 mg/ml
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.
Uniprot ID:	P21980
NCBI:	NP_004604
GeneID:	7052
Host / Isotype:	Rabbit / IgG
Immunogen:	Recombinant full length human TGase II Genename: TGM2
Format:	State: Liquid purified Ig fraction Purification: Protein A Chromatography Buffer System: 10mM PBS, pH 7.4 containing 0.2% BSA as stabilizer and 0.09% Sodium Azide as preservative
Applications:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Immunoprecipitation. Western Blot: 5 - 10 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Transglutaminase 2 (TGM2).
Species Reactivity:	Tested: Human, Mouse, Rat
Storage:	Store the antibody undiluted at 2-8°C. Shelf life: one year from despatch.

Pictures:

Human Placenta: Formalin-Fixed, Paraffin-
Embedded (FFPE)

