

Product datasheet for **AP31020PU-N**

Transglutaminase 2 (TGM2) (full length) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 10 µg/ml. Immunoprecipitation. Western Blot: 5 - 10 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant full length human TGase II
Specificity:	This antibody reacts to Transglutaminase 2 (TGM2).
Formulation:	10mM PBS, pH 7.4 containing 0.2% BSA as stabilizer and 0.09% Sodium Azide as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	transglutaminase 2
Database Link:	Entrez Gene 21817 Mouse Entrez Gene 56083 Rat Entrez Gene 7052 Human P21980
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.



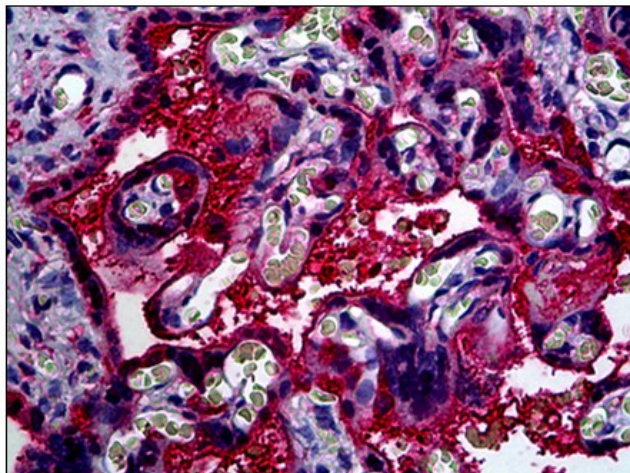
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Synonyms: TGase C, TGase-H, Tissue transglutaminase

Protein Families: Druggable Genome

Protein Pathways: Huntington's disease

Product images:



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