

Product datasheet for **AP10441BT-N**

Transglutaminase 2 (TGM2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A 15 residue synthetic peptide derived from specific domain of Human TG2 protein
Specificity:	Reacts with Human 77 kDa TGM2 protein. This antibody does not cross reacts with Guinea Pig or any isoformes.
Formulation:	Label: Biotin State: Liquid purified antibody
Purification:	Affinity Chromatography on Protein A
Conjugation:	Biotin
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transglutaminase 2
Database Link:	Entrez Gene 7052 Human P21980
Background:	Transglutaminase II catalyzes calcium-dependent post-translational modification of proteins by formation of an isopeptide bond within or between polypeptide chains. It is also known as TGC, tTG, type II-, Gh, cytosolic-, liver-, endothelial-, erythrocyte-, cellular-transglutaminase. Different tissues and cell types express varying amounts of tissue transglutaminase with a markedly high expression in rheumatoid lesions. It is implicated in programmed cell death, signal transduction, drug-resistance, cell growth, endocytosis, insulin secretion, cell adhesion, cataract formation, and wound healing.
Synonyms:	TGase C, TGase-H, Tissue transglutaminase



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