

Product datasheet for **TA309514**

Transglutaminase 3 (TGM3) Goat Polyclonal Antibody

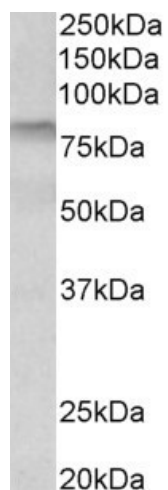
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.3-1ug/ml
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-TLEVLNEARVRKP, from the internal region of the protein sequence according to NP_003236.3.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	transglutaminase 3
Database Link:	NP_003236 Entrez Gene 7053 Human Q08188
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 consists of two polypeptide chains activated from a single precursor protein by proteolysis. The encoded protein is involved the later stages of cell envelope formation in the epidermis and hair follicle. [provided by RefSeq]
Synonyms:	TGE
Protein Families:	Druggable Genome



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Product images:



TA309514 (0.3ug/ml) staining of Human Tonsil lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.