

## Product datasheet for **AP55344PU-N**

### Transglutaminase 3 (TGM3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western Blot:</b> 1/200-1/1000. <b>Immunohistochemistry:</b> 1/200-1/500.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A 15 residue synthetic peptide derived from specific domain of Transglutaminase-3 protein
Specificity:	Reacts with Human Tgase-3 from epidermal cell.
Formulation:	0.1M Tris, 0.1M Glycine and 2% Sucrose State: Purified State: Lyophilized purified antibody Preservative: None
Reconstitution Method:	Restore in distilled water.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody 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 3
Database Link:	<a href="#">Entrez Gene 7053 Human</a> <a href="#">Q08188</a>



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**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.

**Synonyms:** TGase, TGE