

## Product datasheet for **TA331023**

### Transglutaminase 5 (TGM5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TGM5 antibody: synthetic peptide directed towards the C terminal of human TGM5. Synthetic peptide located within the following region: VLKPQHQASIILETVPFKSGQRQIQANMRSNKFKDIKGYRNVYVDFAL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	81 kDa
Gene Name:	transglutaminase 5
Database Link:	<a href="#">NP_963925</a> <a href="#">Entrez Gene 9333 Human</a> <a href="#">O43548</a>
Background:	TGM5 belongs to the transglutaminase superfamily, transglutaminase family. It catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. It contributes to the formation of the cornified cell envelope of keratinocytes. Defects in TGM5 are a cause of peeling skin syndrome acral type (APSS).
Synonyms:	PSS2; TGASE5; TGASEX; TGM6; TGMX; TGX

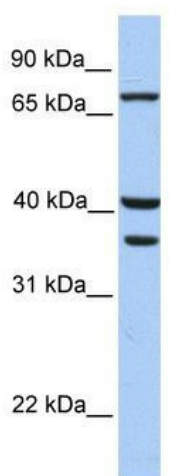


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**Note:** Dog: 100%; Pig: 100%; Human: 100%; Guinea pig: 100%; Rat: 93%; Horse: 93%; Bovine: 93%;  
Mouse: 86%; Rabbit: 85%

**Protein Families:** Druggable Genome

**Product images:**



WB Suggested Anti-TGM5 Antibody Titration: 0.2-1 ug/ml; Positive Control: Hela cell lysate