

## Product datasheet for **TA346348**

### Transglutaminase 4 (TGM4) Rabbit Polyclonal Antibody

#### Product data:

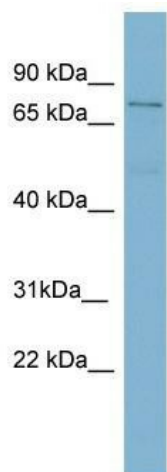
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TGM4 antibody: synthetic peptide directed towards the N terminal of human TGM4. Synthetic peptide located within the following region: KEDMVFMPDEDERKEYILNDTGCHYVGAARSIKCKPWNFGQFEKNVLDC
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:	77 kDa
Gene Name:	transglutaminase 4
Database Link:	<a href="#">NP_003232</a> <a href="#">Entrez Gene 7047 Human</a> <a href="#">P49221</a>
Background:	TGM4 is associated with the mammalian reproductive process. TGM4 catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract.
Synonyms:	hTGP; TGP
Note:	Immunogen Sequence Homology: Human: 100%; Mouse: 83%; Zebrafish: 82%; Pig: 75%; Rat: 75%; Guinea pig: 75%



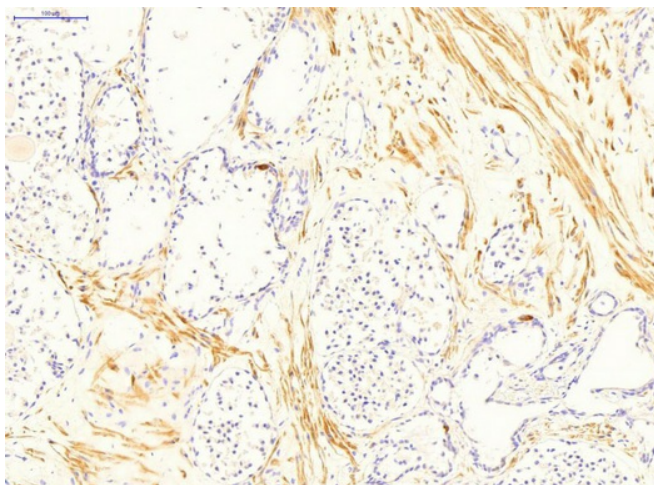
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Protein Families: Druggable Genome

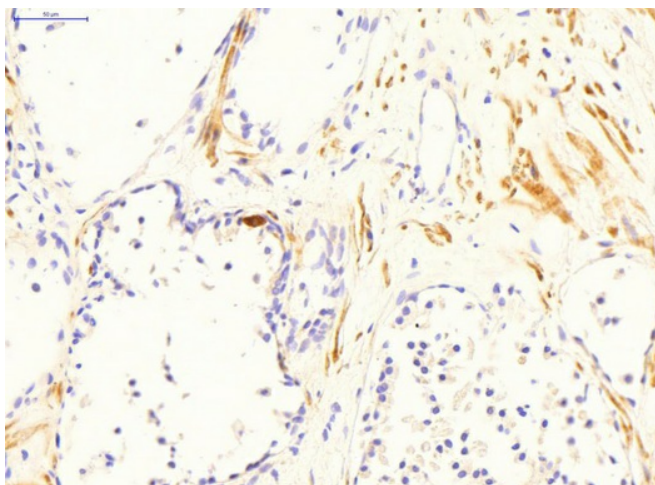
### Product images:



WB Suggested Anti-TGM4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: OVCAR-3 cell lysate TGM4 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells



Sample Type: Normal Human Prostate; Primary Antibody Dilution: 2 ug/mL; Color/Signal Descriptions: TGM4 (DAB; brown), nuclei (hematoxylin; blue); Gene Name: TGM4;



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