

**TGM4 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6918c****Specification**

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**TGM4 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P49221](#)**TGM4 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 7047**Other Names**

Protein-glutamine gamma-glutamyltransferase 4, Fibrinoligase, Prostate transglutaminase, Prostate-specific transglutaminase, Transglutaminase P, TG(P), TGP, TGase P, Transglutaminase-4, TGase-4, TGM4

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6918c](/products/AP6918c) was selected from the Center region of human TGM4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TGM4 Antibody (Center) Blocking Peptide - Protein Information****Name** TGM4**Function**

Associated with the mammalian reproductive process. Catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract.

**Tissue Location**

Prostate.

**TGM4 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **TGM4 Antibody (Center) Blocking Peptide - Images**

#### **TGM4 Antibody (Center) Blocking Peptide - Background**

TGM4 is associated with the mammalian reproductive process and catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract.

#### **TGM4 Antibody (Center) Blocking Peptide - References**

Jiang, W.G., et.al., Microvasc. Res. 77 (2), 150-157 (2009)