

**Anti-Human TGM4 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA07555**

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3th Edition

**Description:** Transglutaminase 4 also known as TGM4, TGP or hTGP, is a typical TGase that is specifically expressed in prostate tissue. TGM4 are intercellularly localizing, Ca<sup>2+</sup>-dependent enzymes, which catalyze the formation of isopeptide bonds by transferring an amine on to glutaminy residues, thereby cross-linking glutamine residues and lysine residues in substrate proteins. TGases influence numerous biological processes including blood coagulation, epidermal differentiation, seminal fluid coagulation, fertilization, cell differentiation and apoptosis.

**Antigen:** Fusion protein of human TGM4

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:** Prostate.