



# TGM5 rabbit pAb

Cat No.:ES12736

For research use only

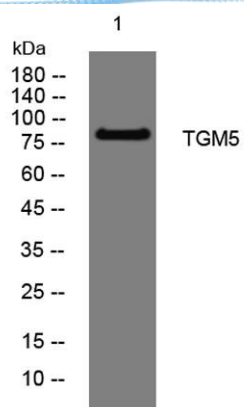
## Overview

|                          |                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name             | TGM5 rabbit pAb                                                                                                                                                                                                                                                                                                                                                            |
| Host species             | Rabbit                                                                                                                                                                                                                                                                                                                                                                     |
| Applications             | WB                                                                                                                                                                                                                                                                                                                                                                         |
| Species Cross-Reactivity | Human; Mouse                                                                                                                                                                                                                                                                                                                                                               |
| Recommended dilutions    | WB 1: 500-2000                                                                                                                                                                                                                                                                                                                                                             |
| Immunogen                | Synthesized peptide derived from human TGM5 AA range: 448-498                                                                                                                                                                                                                                                                                                              |
| Specificity              | This antibody detects endogenous levels of TGM5 at Human/Mouse                                                                                                                                                                                                                                                                                                             |
| Formulation              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                    |
| Storage                  | Store at -20°C. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                         |
| Protein Name             | TGM5                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Name                | TGM5 TGMX                                                                                                                                                                                                                                                                                                                                                                  |
| Cellular localization    | Cytoplasm . Associated with intermediate filaments.                                                                                                                                                                                                                                                                                                                        |
| Purification             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                      |
| Clonality                | Polyclonal                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration            | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                    |
| Observed band            |                                                                                                                                                                                                                                                                                                                                                                            |
| Human Gene ID            | 9333                                                                                                                                                                                                                                                                                                                                                                       |
| Human Swiss-Prot Number  | O43548                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Names        |                                                                                                                                                                                                                                                                                                                                                                            |
| Background               | This gene encodes a member of the transglutaminase family. The encoded protein catalyzes formation of protein cross-links between glutamine and lysine residues, often resulting in stabilization of protein assemblies. This reaction is calcium dependent. Mutations in this gene have been associated with acral peeling skin syndrome. [provided by RefSeq, Oct 2009], |





**ELK Biotechnology**



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night



+86-27-59760950

ELKbio@ELKbiotech.com

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C.