

## TGM1

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**Reactivity:**Human

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**90kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human TGM1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

LI; KTG; LI1; TGK; ICR2; ARCI1; TGASE;

**Background:**

The protein encoded by this gene is a membrane protein that catalyzes the addition of an alkyl group from an alkylamine to a glutamine residue of a protein, forming an alkylglutamine in the protein. This protein alkylation leads to crosslinking of proteins and catenation of polyamines to proteins. This gene contains either one or two copies of a 22 nt repeat unit in its 3' UTR. Mutations in this gene have been associated with autosomal recessive lamellar ichthyosis (LI) and nonbullous congenital ichthyosiform erythroderma (NCIE).

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**Catalog #:**A7343

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**7051

**Isotype:**IgG

**Swiss Prot:**P22735

**Purity:**Affinity purification

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