

TGM1

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;

Catalog #: A7343

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 7051

Isotype: IgG

Swiss Prot: P22735

Purity: Affinity purification

For research use only.

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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