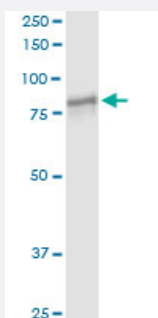


TGM1 (Human) IP-WB Antibody Pair

Catalog # H00007051-PW1

Size 1 Set

Applications



Immunoprecipitation of TGM1 transfected lysate using rabbit polyclonal anti-TGM1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-TGM1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TGM1 transfected lysate using rabbit polyclonal anti-TGM1 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-TGM1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-TGM1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-TGM1 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — TGM1

Entrez GeneID	7051
Gene Name	TGM1
Gene Alias	ICR2, KTG, LI, LI1, TGASE, TGK
Gene Description	transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltransferase)
Omim ID	190195 242100 242300
Gene Ontology	Hyperlink
Gene Summary	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). [provided by RefSeq]
Other Designations	TGase K epidermal TGase transglutaminase 1 transglutaminase K transglutaminase, keratinocyte

Disease

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