

TGM1 Antibody

Catalog No: #37273

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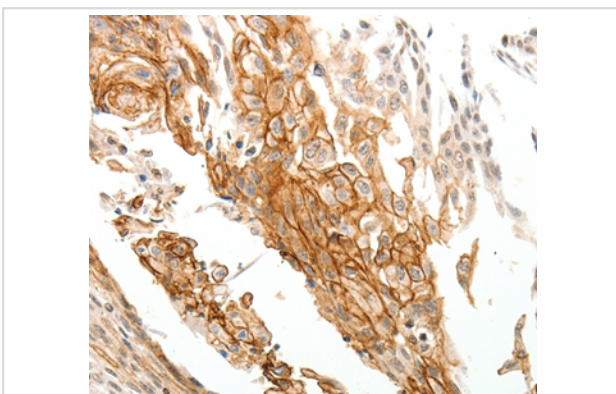
Description

Product Name	TGM1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TGM1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human transglutaminase 1 (K polypeptide epidermal type I, protein-glutamine-gamma-glutamyltransferase)
Target Name	TGM1
Other Names	LI; KTG; LI1; TGK; ICR2; ARCI1; TGASE
Accession No.	Swiss-Prot#: P22735NCBI Gene ID: 7051Gene Accssion: NP_000350
Uniprot	P22735
GeneID	7051;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #37273 at dilution 1/25.

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).

Note: This product is for in vitro research use only