

TGM5 Antibody

Catalog No: #42785

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Description

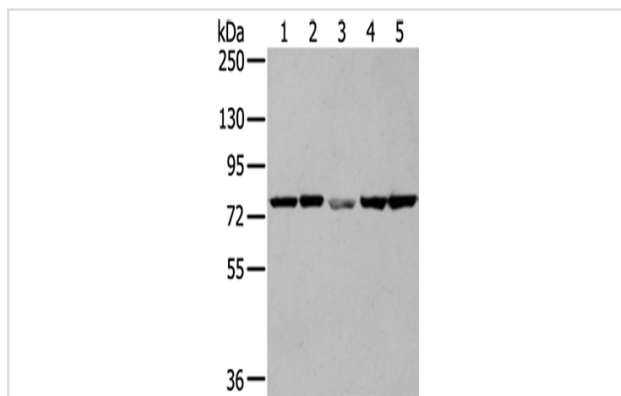
Product Name	TGM5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TGM5 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human TGM5
Target Name	TGM5
Other Names	TGX; PSS2; TGM6; TGMX; TGASE5; TGASEX
Accession No.	Swiss-Prot#: O43548 Gene ID: 9333
Uniprot	O43548
GeneID	9333;
Calculated MW	81kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 6%SDS-PAGE

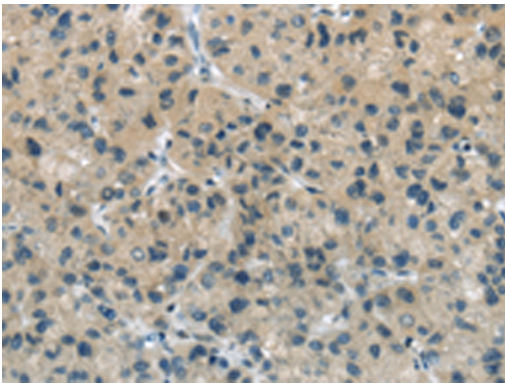
Lysate: 40 µg

Lane 1-5: HeLa cells, A431 cells, Mouse skin tissue, MCF7 cells, K562 cells,

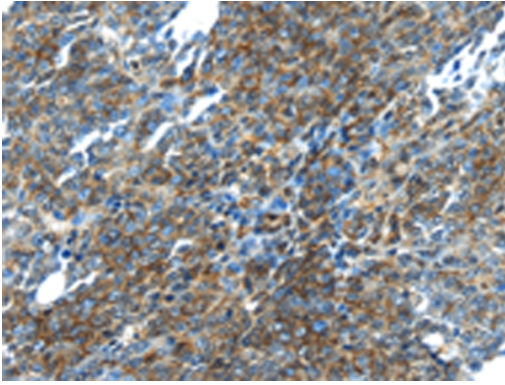
Primary antibody: 1/250 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #42785 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using #42785 at dilution 1/20.

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.

Note: This product is for in vitro research use only