

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:1000,
IHC:1:15-1:50

Protein Background:

Transglutaminases are enzymes that catalyze the crosslinking of proteins by epsilon-gamma glutamyl lysine isopeptide bonds. While the primary structure of transglutaminases is not conserved, they all have the same amino acid sequence at their active sites and their activity is calcium-dependent. The protein encoded by this gene acts as a monomer, is induced by retinoic acid, and appears to be involved in apoptosis. Finally, the encoded protein is the autoantigen implicated in celiac disease. Two transcript variants encoding different isoforms have been found for this gene.

Gene ID:

TGM2

Uniprot

P21980

Synonyms:

Transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)

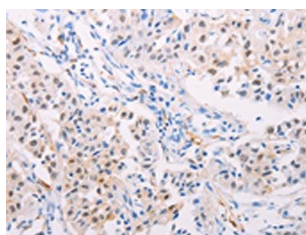
Immunogen:

Fusion protein of human TGM2.

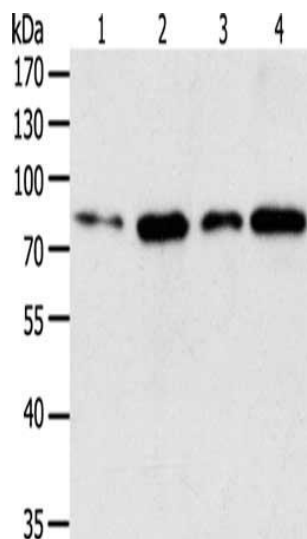
Storage:

-20°C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

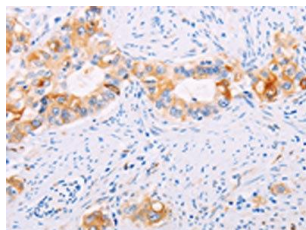
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using PACO15103(TGM2 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 50 μ g, Lane 1-4: Lovo cells, hela cells, human liver cancer tissue, Human fetal liver tissue, Primary antibody: PACO15103(TGM2 Antibody) at dilution 1/150, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO15103(TGM2 Antibody) at dilution 1/15, on the right is treated with fusion protein. (Original magnification: x—200).