

TGM3 polyclonal antibody

Catalog: BS7902

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Transglutaminases are enzymes that catalyze the cross-linking 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 consists of two polypeptide chains activated from a single precursor protein by proteolysis. The encoded protein is involved the later stages of cell envelope formation in the epidermis and hair follicle.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

77KDa

Swiss-Prot:

Q08188

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

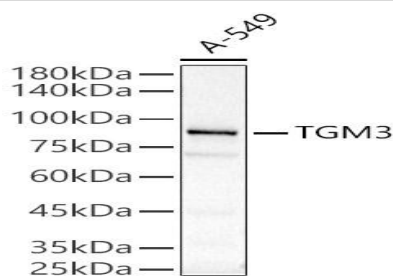
WB, 1:500 - 1:2000 | IF/ICC, 1:10 - 1:100

Storage&Stability:

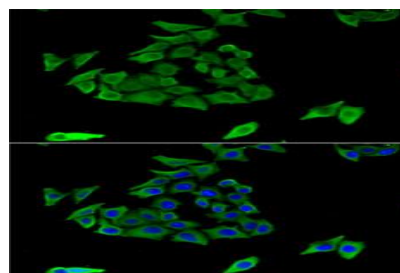
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Category:

Polyclonal Antibodies

DATA:

Western blot analysis of A-549, using TGM3 antibody at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 0.5s.



Immunofluorescence analysis of U2OS cells using TGM3 antibody. Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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