

Product Datasheet

Transglutaminase 2/TGM2 Antibody NBP2-20698

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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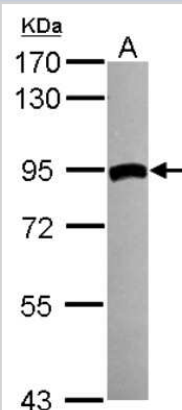
NBP2-20698**Transglutaminase 2/TGM2 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	77 kDa
Product Description	
Host	Rabbit
Gene ID	7052
Gene Symbol	TGM2
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (86%), Guinea pig (85%), Bovine (87%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Transglutaminase 2/TGM2. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

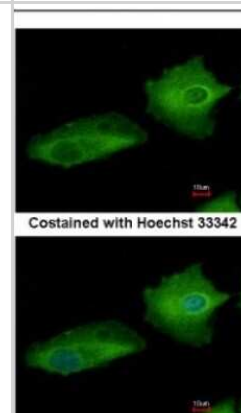


Images

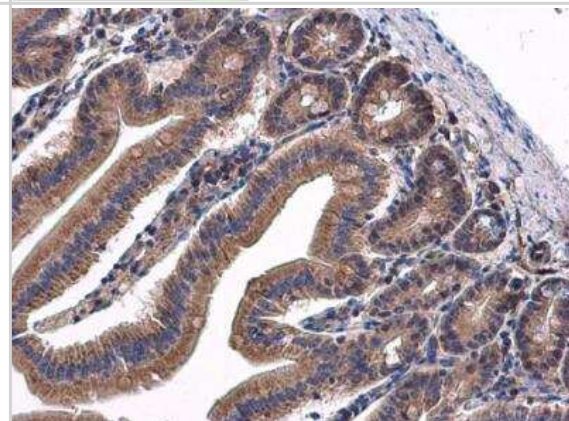
Western Blot: Transglutaminase 2/TGM2 Antibody [NBP2-20698] - Sample (30 ug of whole cell lysate) A: A549 7. 5% SDS PAGE gel, diluted at 1:2000.



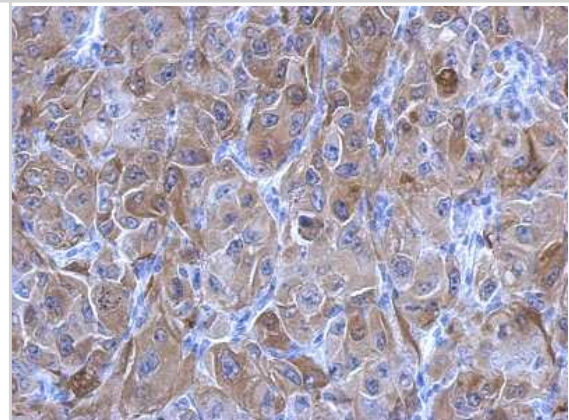
Immunocytochemistry/Immunofluorescence: Transglutaminase 2/TGM2 Antibody [NBP2-20698] - Immunofluorescence analysis of methanol-fixed A549, using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP2-20698] - Mouse duodenum. Transglutaminase 2 antibody [N1N3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP2-20698] - Mahlarvu xenograft, using Transglutaminase 2 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



Publications

Faria B, Henriques C, Matos AC et al. Combined C4d and CD3 immunostaining predicts IgA nephropathy progression. Clin. Exp. Immunol. 2014-09-30 [PMID: 25267249] (IHC-P, Human)

Details:

Transglutaminase 2/TGM2 (TGase 2) antibody used for IHC-P on renal tissues from Human IgA nephropathy patients - formaldehyde fixed paraffin-embedded sections, Antigen retrieval in sodium citrate buffer pH 6,0 with microwave oven / 10 minutes boiling , primary used at 1:800 dilution, signal amplification with goat anti-rabbit and detection with HRP-DAB reagents (FIGURE 1)





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Products Related to NBP2-20698

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52009-0.05mg	Recombinant Human Transglutaminase 2/TGM2 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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