

Product Datasheet

Transglutaminase 2/TGM2 Antibody - BSA Free NBP1-86952

Unit Size: 0.1 ml

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

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NBP1-86952

Transglutaminase 2/TGM2 Antibody - BSA Free

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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

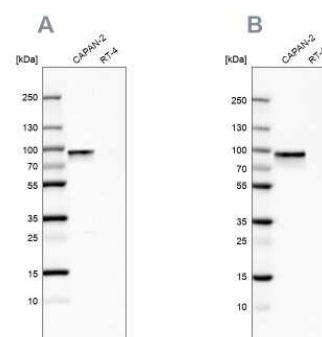
Host	Rabbit
Gene ID	7052
Gene Symbol	TGM2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MAEELVLERCDLELETNGRDHHTADLCREKLVVRRGQPFWLTLHFEGRNYEA SVDSLTFSVVTGPAPSQEAGTK

Product Application Details

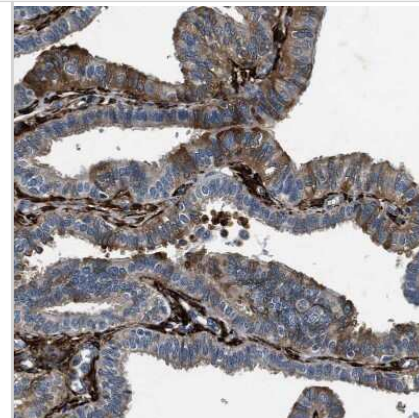
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

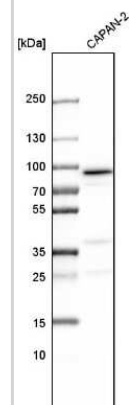
Western Blot: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Analysis using Anti-TGM2 antibody NBP1-86952 (A) shows similar pattern to independent antibody NBP1-86951 (B).



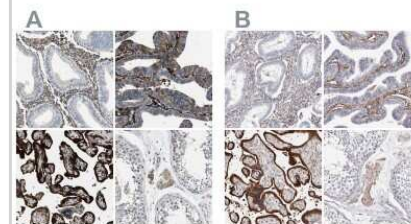
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human Fallopian tube shows strong cytoplasmic positivity in stromal cells.



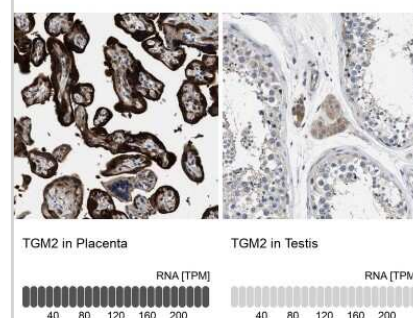
Western Blot: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Analysis in human cell line CAPAN-2.



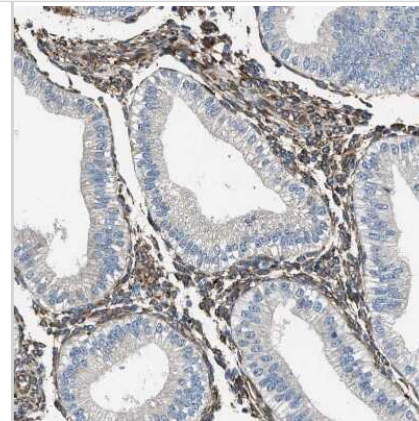
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human endometrium, fallopian tube, placenta and testis using Anti-TGM2 antibody NBP1-86952 (A) shows similar protein distribution across tissues to independent antibody NBP1-86951 (B).



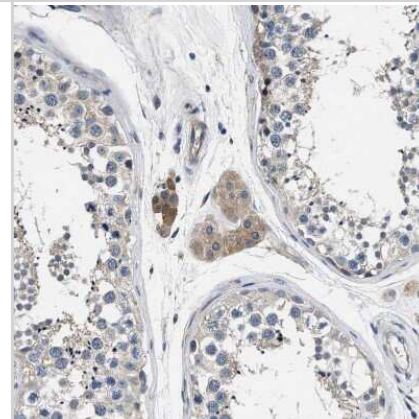
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Analysis in human placenta and testis tissues. Corresponding TGM2 RNA-seq data are presented for the same tissues.



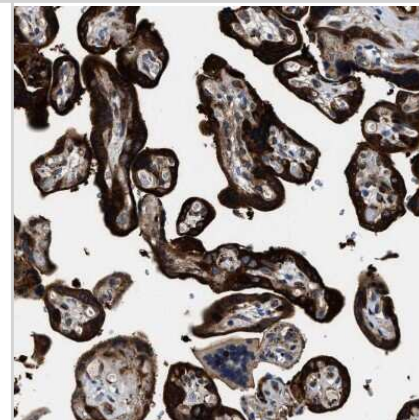
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human endometrium shows moderate cytoplasmic positivity in stromal cells.



Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human testis shows weak cytoplasmic positivity in Leydig cells.



Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human placenta shows very strong cytoplasmic positivity in trophoblastic cells.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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Limitations

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