

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

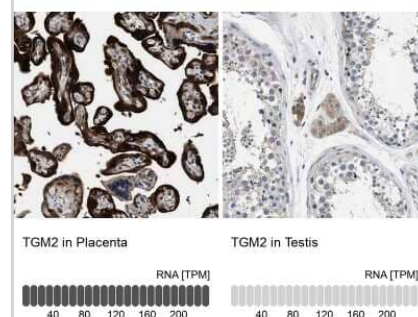
Description	Novus Biologicals Rabbit Transglutaminase 2/TGM2 Antibody - BSA Free (NBP1-86952) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7052
Gene Symbol	TGM2
Species	Human
Reactivity Notes	Immunogen 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: MAEELVLERCDLELETNGRDHHTADLCREKLVVRRGQPFWLT LHFEGRNYEA SVDSLTF SVVTGPAPSQEAGTK

Product Application Details

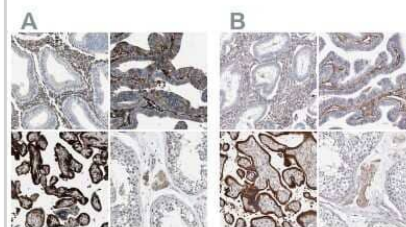
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence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

Images

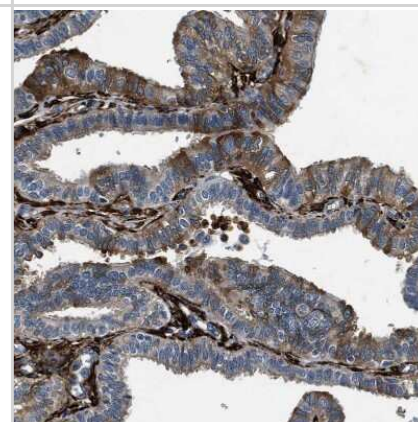
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Analysis in human placenta and testis tissues. Corresponding TGM2 RNA-seq data are presented for the same tissues.



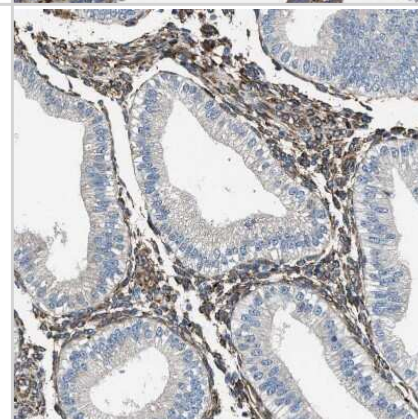
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human endometrium, fallopian tube, placenta and testis using Anti-TGM2 antibody NBP1-86952 (A) shows similar protein distribution across tissues to independent antibody NBP1-86951 (B).



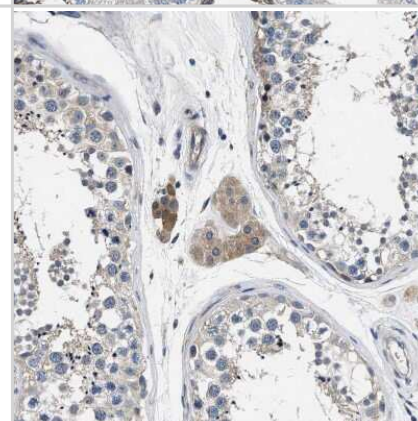
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human Fallopian tube shows strong cytoplasmic positivity in stromal cells.



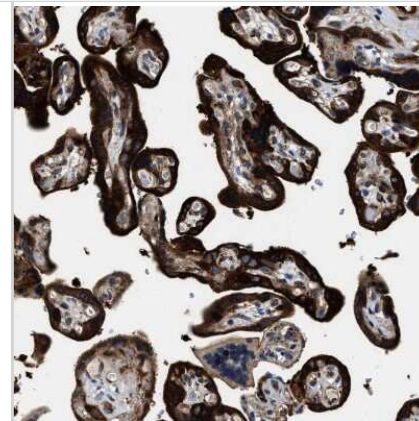
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human endometrium shows moderate cytoplasmic positivity in stromal cells.



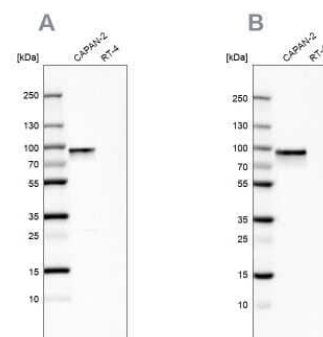
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human testis shows weak cytoplasmic positivity in Leydig cells.



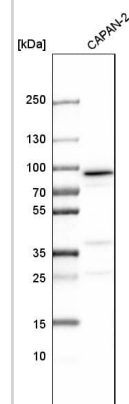
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human placenta shows very strong cytoplasmic positivity in trophoblastic cells.



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).



Analysis in human cell line CAPAN-2.





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Products Related to NBP1-86952

NBP1-86952PEP	Transglutaminase 2/TGM2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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