

# 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

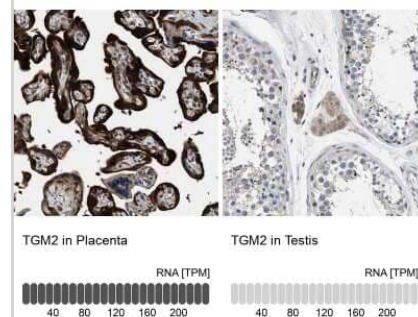
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Description</b>	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.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7052
<b>Gene Symbol</b>	TGM2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: MAEELVLERCDLELETNGRDHHTADLCREKLVVRRGQPFWLT LHFEGRNYEA SVDSLTF SVVTGPAPSQEAGTK

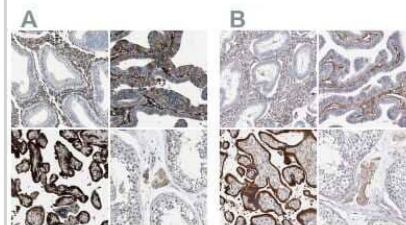
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH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

**Images**

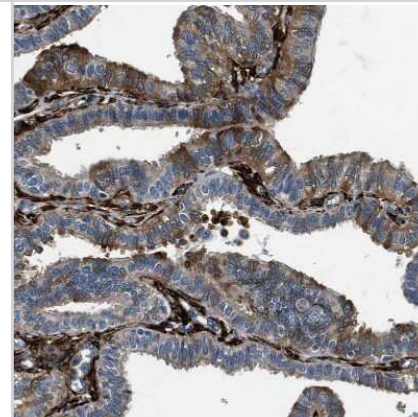
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Analysis in human placenta and testis tissues. Corresponding TGM2 RNA-seq data are presented for the same tissues.



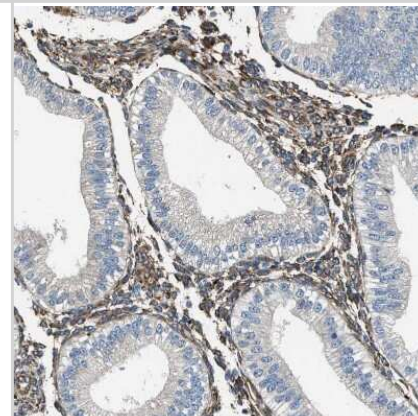
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human endometrium, fallopian tube, placenta and testis using Anti-TGM2 antibody NBP1-86952 (A) shows similar protein distribution across tissues to independent antibody NBP1-86951 (B).



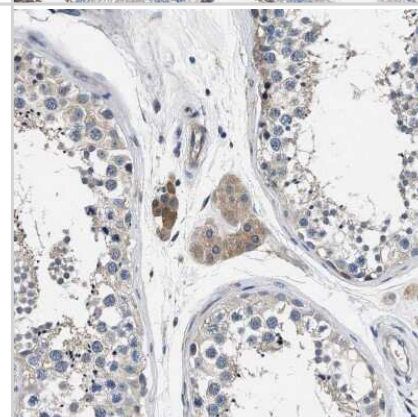
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human Fallopian tube shows strong cytoplasmic positivity in stromal cells.



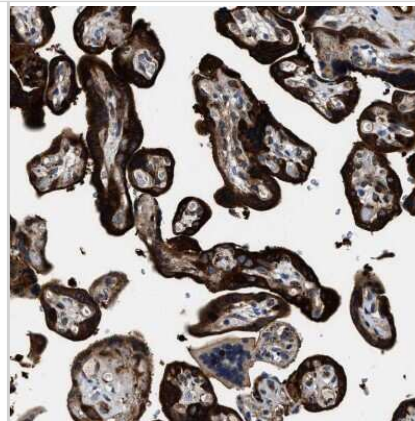
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human endometrium shows moderate cytoplasmic positivity in stromal cells.



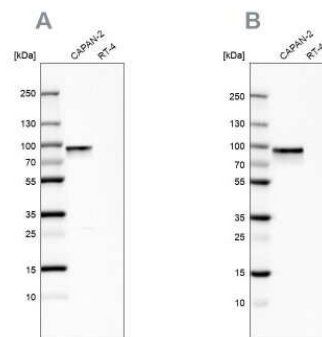
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human testis shows weak cytoplasmic positivity in Leydig cells.



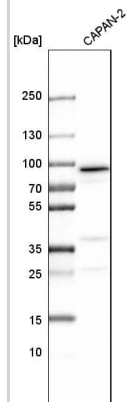
Immunohistochemistry-Paraffin: Transglutaminase 2/TGM2 Antibody [NBP1-86952] - Staining of human placenta shows very strong cytoplasmic positivity in trophoblastic cells.



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**

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NBP1-86952PEP	Transglutaminase 2/TGM2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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