

# Product Datasheet

## transgelin 2 Antibody NBP2-20697

Unit Size: 0.1 ml

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

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**NBP2-20697**

transgelin 2 Antibody

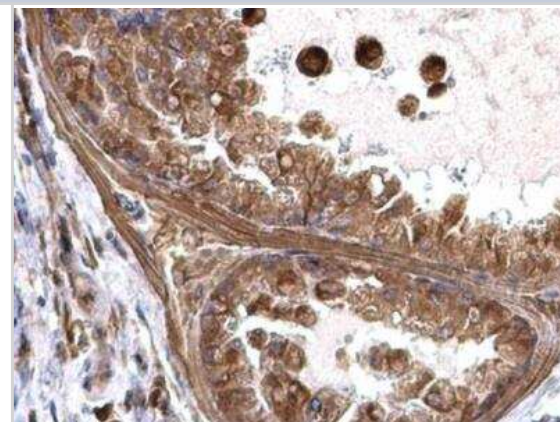
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	22 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit transgelin 2 Antibody (NBP2-20697) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8407
Gene Symbol	TAGLN2
Species	Human, Mouse
Immunogen	Recombinant protein encompassing a sequence within the center region of human transgelin 2. The exact sequence is proprietary.

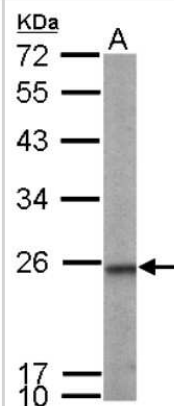
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

**Images**

Immunohistochemistry-Paraffin: transgelin 2 Antibody [NBP2-20697] - Paraffin-embedded mouse prostate. Transgelin 2 antibody [N1C3] diluted at 1:500.



Western Blot: transgelin 2 Antibody [NBP2-20697] - Sample (50 ug of whole cell lysate) A: Mouse Brain, 12% SDS PAGE gel, diluted at 1:1000.

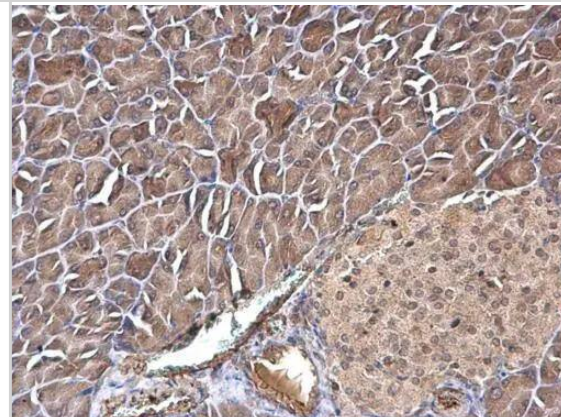


Transgelin 2 antibody [N1C3] detects Transgelin 2 protein at cytoplasm in mouse pancreas by immunohistochemical analysis.

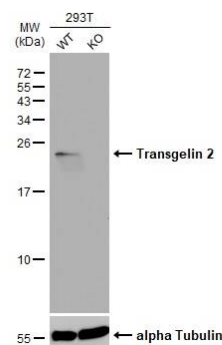
Sample: Paraffin-embedded mouse pancreas.

Transgelin 2 antibody [N1C3] (NBP2-20697) diluted at 1:500.

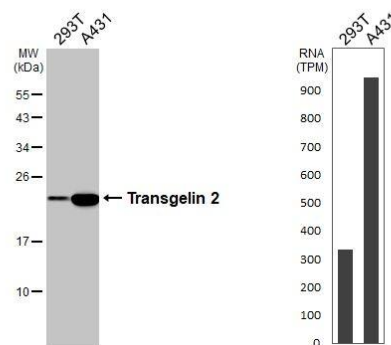
Antigen Retrieval: Trilogy(TM) (EDTA based, pH 8.0) buffer, 15min



Wild-type (WT) and Transgelin 2 knockout (KO) 293T cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with Transgelin 2 antibody [N1C3] (NBP2-20697) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Transgelin 2 antibody [N1C3] (NBP2-20697) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



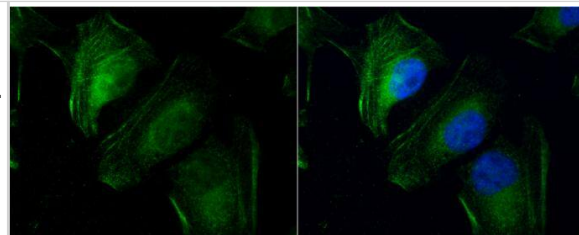
Transgeline 2 antibody [N1C3] detects Transgeline 2 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Transgeline 2 protein stained by Transgeline 2 antibody [N1C3] (NBP2-20697) diluted at 1:500.

Red: phalloidin, a cytoskeleton marker, stained by phalloidin (invitrogen, A12380) diluted at 1:200.

Blue: Hoechst 33342 staining.



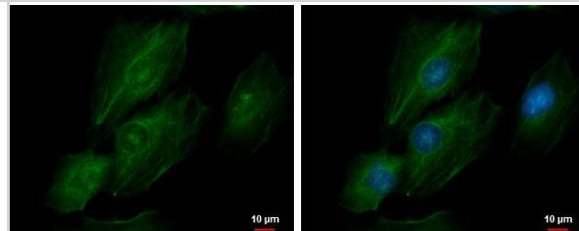
Transgeline 2 antibody [N1C3] detects Transgeline 2 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: A549 cells were fixed in ice-cold MeOH for 5 min.

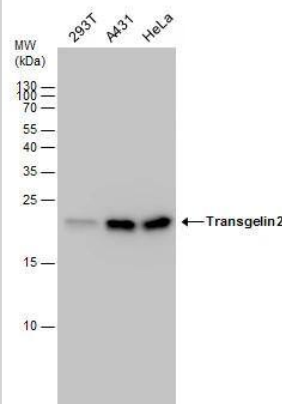
Green: Transgeline 2 protein stained by Transgeline 2 antibody [N1C3] (NBP2-20697) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10  $\mu$ m.



Transgeline 2 antibody detects Transgeline 2 protein by western blot analysis. Various whole cell extracts (30  $\mu$ g) were separated by 15% SDS-PAGE, and the membrane was blotted with Transgeline 2 antibody (NBP2-20697) diluted by 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP2-20697**

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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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