

Product Datasheet

Tight Junction Protein 1 Antibody - BSA Free NBP2-21051

Unit Size: 0.1 ml

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

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NBP2-21051**Tight Junction Protein 1 Antibody - BSA Free**

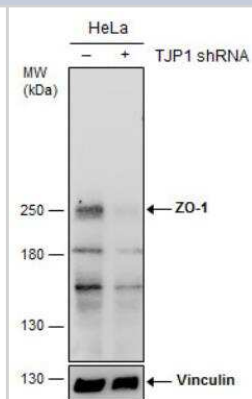
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	195 kDa

Product Description	
Description	Novus Biologicals Rabbit Tight Junction Protein 1 Antibody - BSA Free (NBP2-21051) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7082
Gene Symbol	TJP1
Species	Human, Rat
Marker	Intercellular Junctions/Tight Junction Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human Tight Junction Protein 1. The exact sequence is proprietary.

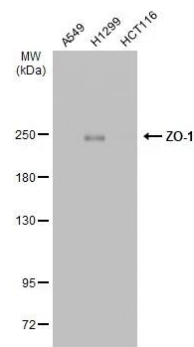
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000

Images

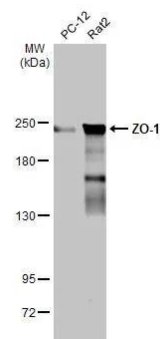
Western Blot: Tight Junction Protein 1 Antibody [NBP2-21051] - Non-transfected (-) and transfected (+) HeLa whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [N2C1], Internal. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



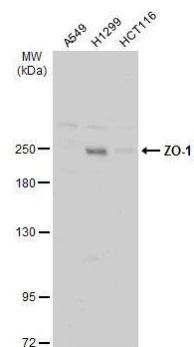
Western Blot: Tight Junction Protein 1 Antibody [NBP2-21051] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Tight Junction Protein 1 antibody [N2C1], Internal (NBP2-21051) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [N2C1], Internal (NBP2-21051) 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 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [N2C1], Internal (NBP2-21051) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



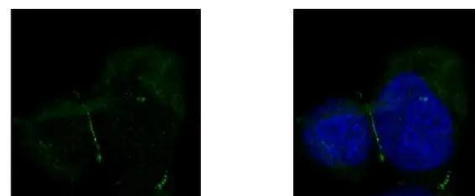
ZO-1 antibody [N2C1], Internal detects TJP1 protein at junction by confocal immunofluorescent analysis.

Sample: A431 cells were fixed in ice-cold MeOH for 5 min.

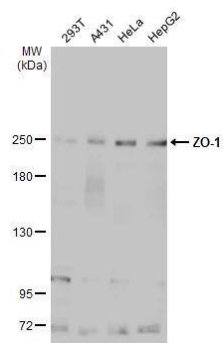
Green: TJP1 protein stained by ZO-1 antibody [N2C1], Internal (NBP2-21051) diluted at 1:500.

Blue: Hoechst 33342 staining.

[Images captured by Olympus FV10i Confocal Laser Scanning Microscope]



Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with ZO-1 antibody [N2C1], Internal (NBP2-21051) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-21051

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

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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