

Product Datasheet

Tight Junction Protein 2 Antibody NBP1-49667-0.05mg

Unit Size: 0.05 mg

Store at 4C.

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NBP1-49667-0.05mg**Tight Junction Protein 2 Antibody**

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.2 um filtered solution in PBS and 0.1% BSA

Product Description	
Description	Novus Biologicals Guinea Pig Tight Junction Protein 2 Antibody (NBP1-49667) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Guinea Pig
Gene ID	9414
Gene Symbol	TJP2
Species	Human, Mouse
Marker	Intercellular Junctions Marker
Specificity/Sensitivity	ZO-2 can interact with zona occludens 1 (ZO-1). Furthermore, the PDZ2 domain of ZO-2 was shown to interact with connexin-43, the predominant connexin in epithelial and most other tissues which is involved in cell growth control and embryonic development. The antibody cross reacts with mouse ZO-2.
Immunogen	For immunisation of the guinea pig, amino acids 411-467 of human ZO-2 were used as immunogen.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	For immunohistology, immunfluorescence and Western blotting, dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.



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Products Related to NBP1-49667-0.05mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
NB120-7134	Goat anti-Guinea Pig IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP1-97036-5mg	Guinea Pig IgG Isotype Control
H00009414-Q01-10ug	Recombinant Human Tight Junction Protein 2 GST (N-Term) Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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