

Product Datasheet

Tight Junction Protein 1 Antibody NBP1-49669-0.05mg

Unit Size: 0.05 mg

Store at 4C.

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Publications: 3

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NBP1-49669-0.05mg**Tight Junction Protein 1 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	PBS, containing 0.1% BSA

Product Description	
Description	Novus Biologicals Guinea Pig Tight Junction Protein 1 Antibody (NBP1-49669) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Tight Junction Protein 1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Guinea Pig
Gene ID	7082
Gene Symbol	TJP1
Species	Human, Mouse, Canine
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23871805).
Marker	Intercellular Junctions/Tight Junction Marker
Specificity/Sensitivity	The polyclonal antibody is raised against a human peptide antigen corresponding to ten residues at the splice junction and as such recognizes specifically ZO-1 alpha-minus.
Immunogen	The polyclonal antibody is raised against a human peptide antigen corresponding to ten residues at the splice junction and as such recognizes specifically ZO-1 alpha-minus.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, 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-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	For immunohistology, immunofluorescence 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.



Publications

Beckman D, Bonillas A, Diniz GB et al. SARS-CoV-2 infects neurons and induces neuroinflammation in a non-human primate model of COVID-19 Cell reports 2022-11-01 [PMID: 36288725]

Hanson C, Arnarsson A, Hardarson T et al. Transplanting embryonic stem cells onto damaged human corneal endothelium World J Stem Cells 2017-08-26 [PMID: 28928909] (IHC-P, Human)

Foti Cuzzola V, Galuppo M, Iori R et al. Beneficial effects of (RS)-glucoraphanin on the tight junction dysfunction in a mouse model of restraint stress. Life Sci 2013-08-28 [PMID: 23871805] (IHC-P, Mouse)





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Products Related to NBP1-49669-0.05mg

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
NBP1-85046PEP	Tight Junction Protein 1 Recombinant Protein Antigen

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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