

Product Datasheet

Tight Junction Protein 1 Antibody NBP1-46111

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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NBP1-46111**Tight Junction Protein 1 Antibody**

| Product Information | |
|----------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

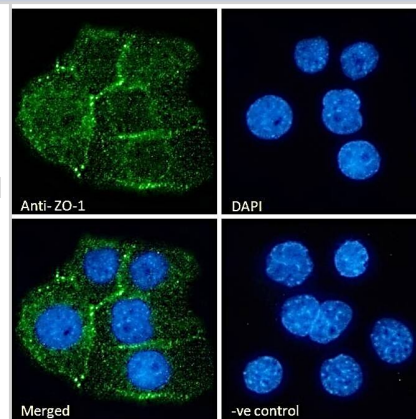
| Product Description | |
|--------------------------------|--|
| Description | Novus Biologicals Goat Tight Junction Protein 1 Antibody (NBP1-46111) is a polyclonal antibody validated for use in ELISA and ICC/IF. Anti-Tight Junction Protein 1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Goat |
| Gene ID | 7082 |
| Gene Symbol | TJP1 |
| Species | Human |
| Marker | Intercellular Junctions/Tight Junction Marker |
| Specificity/Sensitivity | This antibody is expected to recognize both reported isoforms (NP_003248.3; NP_783297.2). |
| Immunogen | Peptide with sequence C-PKPTSQNFSEHDKT corresponding to internal region according to NP_003248.3, NP_783297.2. |

| Product Application Details | |
|------------------------------------|---|
| Applications | Immunocytochemistry/ Immunofluorescence, Peptide ELISA, Immunofluorescence |
| Recommended Dilutions | Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:132000, Immunofluorescence 10 ug/mL |

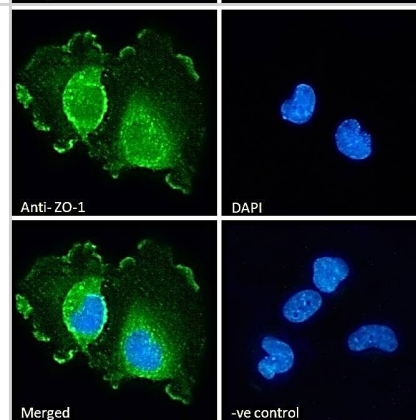


Images

Immunocytochemistry/Immunofluorescence: Tight Junction Protein 1 Antibody [NBP1-46111] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cellular junction staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunocytochemistry/Immunofluorescence: Tight Junction Protein 1 Antibody [NBP1-46111] - Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Publications

Cheng Y, Medina A, Yao Z et al. Intrinsic antiviral immunity of barrier cells revealed by an iPSC-derived blood-brain barrier cellular model *Cell reports* 2022-05-31 [PMID: 35649379] (ICC/IF, Human)

Zhong Z, Deane R, Ali Z et al. ALS-causing SOD1 mutants generate vascular changes prior to motor neuron degeneration. *Nat Neurosci* 2008-04-01 [PMID: 18344992]



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Products Related to NBP1-46111

| | |
|-----------------|--|
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat 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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