Occludin Antibody
NBP1-87402

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Reviews: 2  Publications: 8

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Updated 1/2/2020 v.20.1

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## Product Information

<table>
<thead>
<tr>
<th><strong>Unit Size</strong></th>
<th>0.1 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Concentration</strong></td>
<td>Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.</td>
</tr>
<tr>
<td><strong>Clonality</strong></td>
<td>Polyclonal</td>
</tr>
<tr>
<td><strong>Preservative</strong></td>
<td>0.02% Sodium Azide</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
<td>IgG</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>Immunogen affinity purified</td>
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<tr>
<td><strong>Buffer</strong></td>
<td>PBS (pH 7.2) and 40% Glycerol</td>
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## Product Description

| **Host** | Rabbit |
| **Gene ID** | 100506658 |
| **Gene Symbol** | OCLN |
| **Species** | Human, Mouse |
| **Reactivity Notes** | Expected species cross reactivity based on sequence homology: Rat (83%). Mouse reactivity reported from a verified customer review. |
| **Marker** | Tight Junctions Marker |
| **Specificity/Sensitivity** | Specificity of human Occludin antibody verified on a Protein Array containing target protein plus 383 other non-specific proteins. |
| **Immunogen** | This antibody was developed against Recombinant Protein corresponding to amino acids: DKEHIYDEQPNVEEWVKNVSAGTQDVPSPPSYVERVDSPMAYSSNGKVNDRFYPRESSKSTPVPEVQELPLTSPVDDFRQPSSGYSGNFTPSKRPAKAGRGRSKRTEQDHYETDYTTGGESCDEED |

## Product Application Details

| **Applications** | Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated |
| **Recommended Dilutions** | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated |
| **Application Notes** | ICC/IF reported in scientific literature (PMID: 28848383). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |
Western Blot: Occludin Antibody [NBP1-87402] - Lane 1: untreated vascular endothelial cells Lane 2: vascular endothelial cells + control siRNA. Primary antibody was diluted 1:1000. Image submitted by a verified customer review.


Immunohistochemistry-Paraffin: Occludin Antibody [NBP1-87402] - Staining of human prostate shows negative membranous positivity in glandular cells as expected.

Western Blot: Occludin Antibody [NBP1-87402] - Lane 1: Marker [kDa] 220, 112, 84, 47, 32, 26, 17. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp
Immunocytochemistry/Immunofluorescence: Occludin Antibody [NBP1-87402] - Methanol fixed, mouse choroid plexus cells were stained with Occludin antibody. Image submitted by a verified customer review.


<table>
<thead>
<tr>
<th>Publications</th>
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</thead>
<tbody>
<tr>
<td>Baumann V Identification and manipulation of chromatin barriers in transcriptional reprogramming Thesis (ICC/IF)</td>
</tr>
<tr>
<td>Messal N, Fernandez N, Dayot S et al. Ectopic expression of OX1R in ulcerative colitis mediates anti-inflammatory effect of orexin-A Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease Nov 1 2018 12:00AM [PMID: 30251681] (WB, Mouse)</td>
</tr>
</tbody>
</table>
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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Products Related to NBP1-87402

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<tbody>
<tr>
<td>NBP1-87402PEP</td>
<td>Occludin Recombinant Protein Antigen</td>
</tr>
<tr>
<td>HAF008</td>
<td>Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]</td>
</tr>
<tr>
<td>NB7156</td>
<td>Goat anti-Rabbit IgG (H+L) Secondary Antibody</td>
</tr>
<tr>
<td>NBP2-24891</td>
<td>Rabbit IgG Isotype Control</td>
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