

Product Datasheet

Cingulin Antibody - BSA Free

NBP1-89602

Unit Size: 0.1 ml

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

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Publications: 1

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NBP1-89602

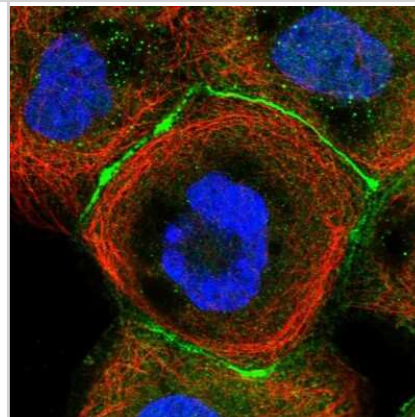
Cingulin Antibody - BSA Free

| 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 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |
| Target Molecular Weight | 136 kDa |
| Product Description | |
| Description | Novus Biologicals Rabbit Cingulin Antibody - BSA Free (NBP1-89602) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Cingulin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 57530 |
| Gene Symbol | CGN |
| Species | Human |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (83%) |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: PPGSVDHMKATIYGILREGSSESETSVRRKVS LVLEKMQPLVMVSSGSTKAVA QGELTRKVEELQRKLDEEVKKRQKLEPSQVGLERQLEEKTEEC SRLQELLER |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

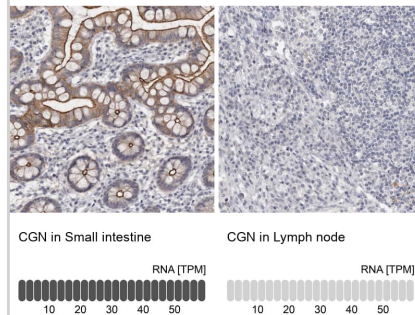


Images

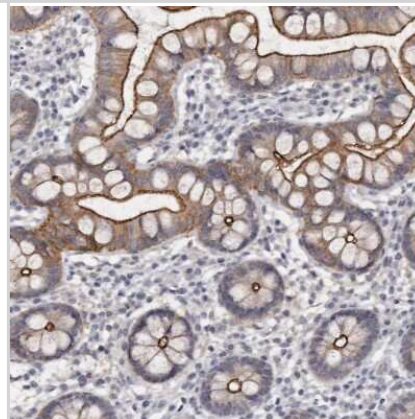
Immunocytochemistry/Immunofluorescence: Cingulin Antibody [NBP1-89602] - Staining of human cell line A-431 shows localization to plasma membrane & cell junctions. Antibody staining is shown in green.



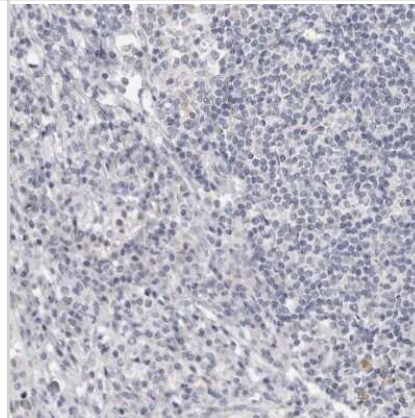
Analysis in human small intestine and lymph node tissues using Anti-CGN antibody. Corresponding CGN RNA-seq data are presented for the same tissues.



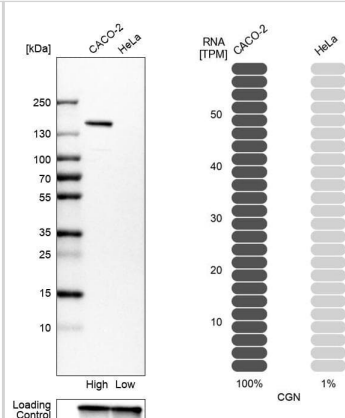
Immunohistochemistry-Paraffin: Cingulin Antibody [NBP1-89602] - Staining of human small intestine shows high expression.



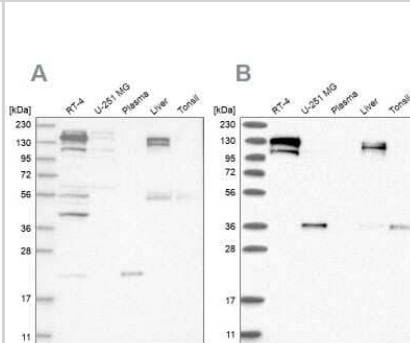
Immunohistochemistry-Paraffin: Cingulin Antibody [NBP1-89602] - Staining of human lymph node shows low expression as expected.



Analysis in human cell lines Caco-2 and HeLa using Anti-CGN antibody. Corresponding CGN RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



Western Blot: Cingulin Antibody [NBP1-89602] - Analysis using Anti-CGN antibody NBP1-89602 (A) shows similar pattern to independent antibody NBP1-89600 (B).



Publications

Juettner, VV;Kruse, K;Dan, A;Vu, VH;Khan, Y;Le, J;Leckband, D;Komarova, Y;Malik, AB; VE-PTP stabilizes VE-cadherin junctions and the endothelial barrier via a phosphatase-independent mechanism *J. Cell Biol.* 2019-04-04 [PMID: 30948425] (Human)



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Products Related to NBP1-89602

| | |
|---------------|---|
| NBP1-89602PEP | Cingulin Recombinant Protein Antigen |
| 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.

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

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