

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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Updated 9/9/2025 v.20.1

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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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	136 kDa

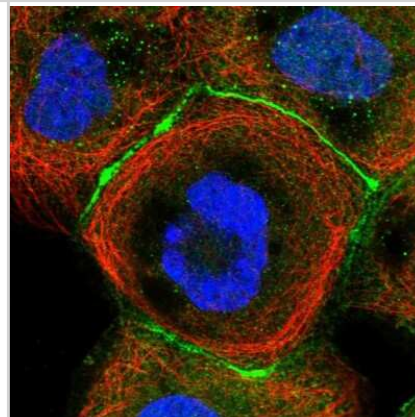
Product Description	
Description	Novus Biologicals Rabbit Cingulin Antibody - BSA Free (NBP1-89602) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Cingulin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	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: PPGSVDHMKATIYGILREGSSESETSVRRKVSLLVLEKMQPLVMVSSGSTKAVA GQGELTRKVEELQRKLDEEVKKRQKLEPSQVGLERQLEEKTEEC 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.

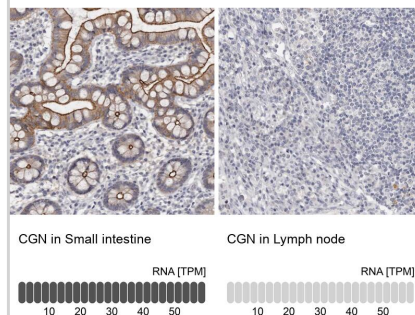


Images

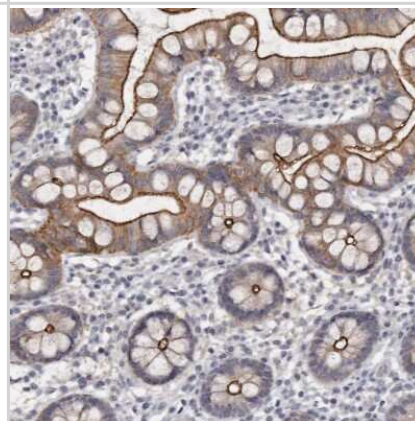
Immunocytochemistry/Immunofluorescence: Cingulin Antibody [NBP1-89602] - Staining of human cell line A-431 shows localization to plasma membrane & cell junctions. Antibody staining is shown in green.



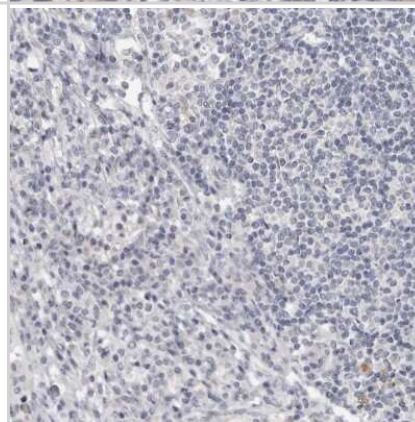
Analysis in human small intestine and lymph node tissues using Anti-CGN antibody. Corresponding CGN RNA-seq data are presented for the same tissues.



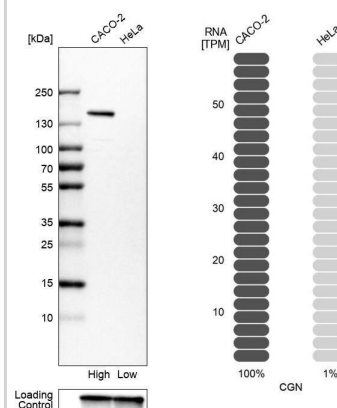
Immunohistochemistry-Paraffin: Cingulin Antibody [NBP1-89602] - Staining of human small intestine shows high expression.



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
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.

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