

Product Datasheet

Cingulin Antibody - BSA Free

NBP1-89600

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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NBP1-89600

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

Product Description

Description	Novus Biologicals Rabbit Cingulin Antibody - BSA Free (NBP1-89600) is a polyclonal antibody validated for use in IHC and WB. 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, Rat
Reactivity Notes	Immunogen shows 92% sequence identity with mouse, however WB testing using NIH/3T3 cells shows no positive results.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DSKQALQQLQAQLEDYKEKARREVADAQRQAKDWASEAEKTS GGLSRLQDEI QRLRQALQASQAERDTARLDKELLAQRLQGLEQEAENKKRSQDDRARQLKGL EE

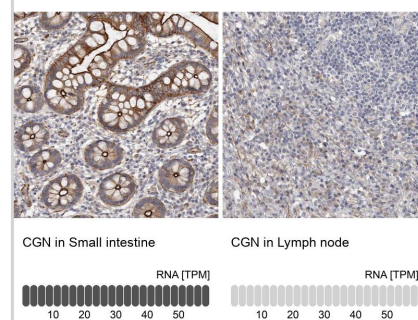
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Immunohistochemistry-Frozen
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Use in Immunohistochemistry-Frozen reported in scientific literature (PMID: 31719823).

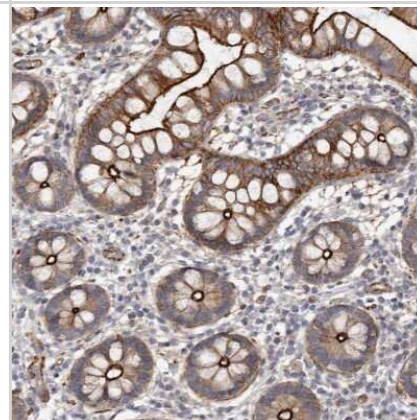


Images

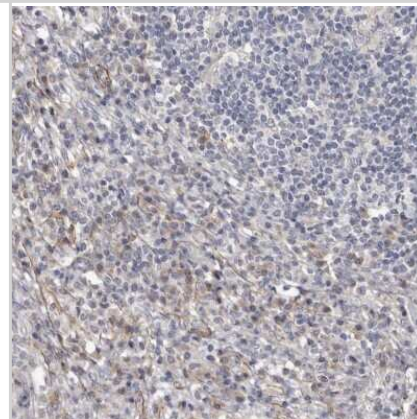
Analysis in human small intestine and lymph node tissues using Anti-CGN antibody. Corresponding CGN RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Cingulin Antibody [NBP1-89600] - Staining of human small intestine shows high expression.



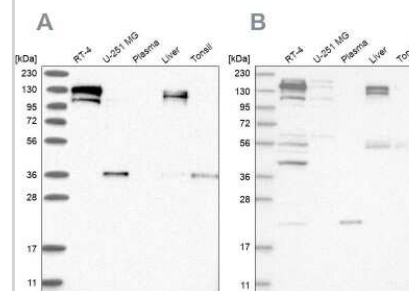
Immunohistochemistry-Paraffin: Cingulin Antibody [NBP1-89600] - Staining of human lymph node shows low expression as expected.



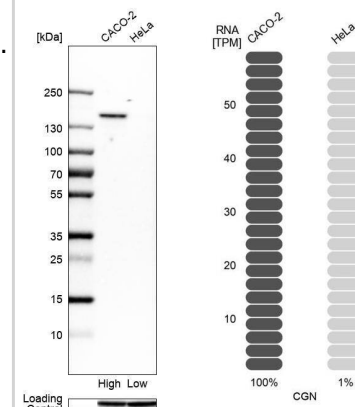
Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



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



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.



Publications

Wu D, Ding L, Tang X et al. Baicalin Protects Against Hypertension-Associated Intestinal Barrier Impairment in Part Through Enhanced Microbial Production of Short-Chain Fatty Acids Front Pharmacol 2019-10-28 [PMID: 31719823] (IHC-Fr, Rat)



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Products Related to NBP1-89600

NBP1-89600PEP	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.

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