

Product Datasheet

FCHO2 Antibody - BSA Free NBP2-32694

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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NBP2-32694

FCHO2 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

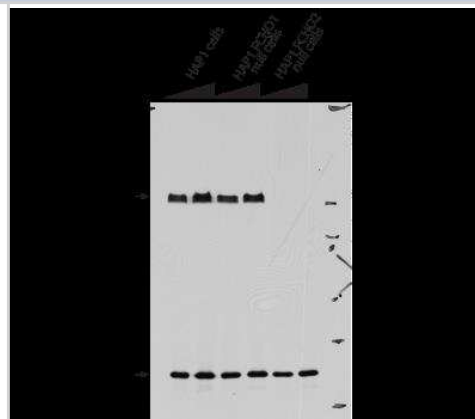
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit FCHO2 Antibody - BSA Free (NBP2-32694) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-FCHO2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	115548
Gene Symbol	FCHO2
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: KAAVKSKKATDTYKLYVEKYALAKADFEQKMTETAQKFQDIEETHLIHIKEIIGSL SNAIKEIHLQIG

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockout Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in RT-4 , A431, separated by Size, antibody dilution of 1:20, apparent MW was 117 kDa.

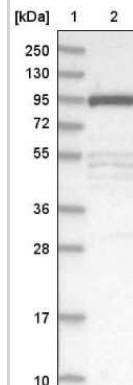


Images

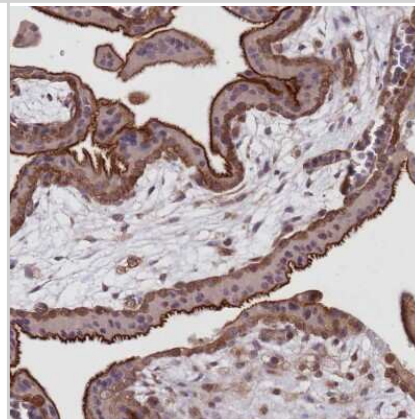
Western Blot: FCHO2 Antibody [NBP2-32694] - HAP1 cells probed with anti-FCHO2 antibody (upper panel) or anti-ARH (LDLRAP1) antibody (lower panel). Image from a verified customer review.



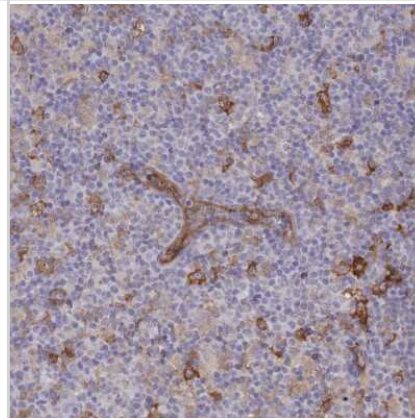
Western Blot: FCHO2 Antibody [NBP2-32694] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4



Immunohistochemistry-Paraffin: FCHO2 Antibody [NBP2-32694] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: FCHO2 Antibody [NBP2-32694] - Staining of human lymph node shows weak to moderate cytoplasmic positivity in non - germinal center cells.



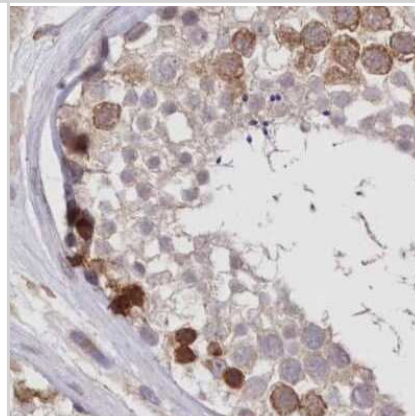
Immunohistochemistry-Paraffin: FCHO2 Antibody [NBP2-32694] - Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



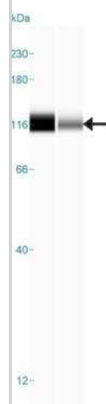
Immunohistochemistry-Paraffin: FCHO2 Antibody [NBP2-32694] - Staining of human colon.



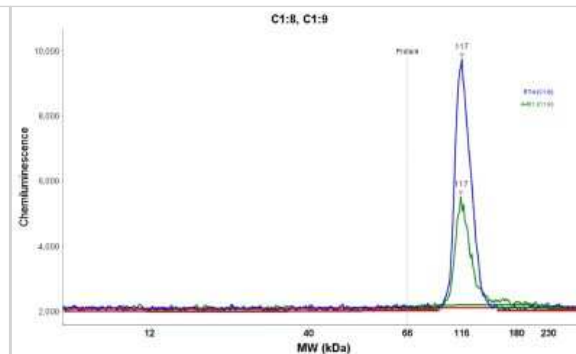
Immunohistochemistry-Paraffin: FCHO2 Antibody [NBP2-32694] - Staining of human testis.



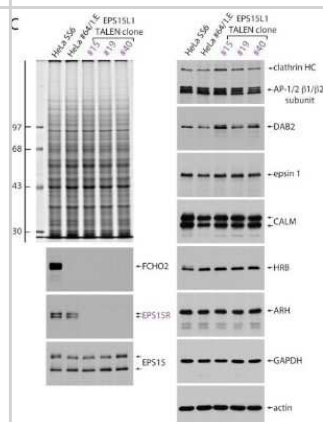
Simple Western: FCHO2 Antibody [NBP2-32694] - Simple Western lane view shows a specific band for FCHO2 in 0.2 mg/ml of RT-4 (left), A431 (right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



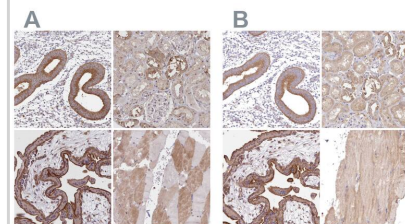
Simple Western: FCHO2 Antibody [NBP2-32694] - Electropherogram image(s) of corresponding Simple Western lane view. FCHO2 antibody was used at 1:20 dilution on RT-4 and A431 lysate(s).



Western Blot: FCHO2 Antibody [NBP2-32694] - TALEN-mediated generation of FCHO1, FCHO2 and EPS15R triple-null HeLa cells. SDS-PAGE and immunoblot analysis of TALEN clones. Whole cell lysates subjected to SDS-PAGE were either stained with Coomassie blue or immunoblotted with the indicated antibodies. Molecular mass standards (in kDa) are shown on the left. Image collected and cropped by CiteAb from the following publication (<https://elifesciences.org/articles/41768>), licensed under a CC-BY license.



Staining of human endometrium, kidney, placenta and skeletal muscle using NBP2-32694 (A) shows similar protein distribution across tissues to independent antibody NBP1-90904 (B).



Publications

Zaccari NR, Kadlecova Z, Dickson VK et al. FCHO controls AP2's initiating role in endocytosis through a PtdIns(4,5)P2-dependent switch *Science advances* 2022-04-29 [PMID: 35486718] (WB)

Wang X, Chen Z, Mettlen M et al. DASC, a sensitive classifier for measuring discrete early stages in clathrin-mediated endocytosis *Elife* 2020-04-30 [PMID: 32352376] (WB)

Zhao X, Hu X A nanobody-based molecular toolkit provides new mechanistic insight into clathrin-coat initiation *Elife* 2019-04-30 [PMID: 31038455] (WB)

Sochacki KA, Dickey AM, Strub MP, Taraska JW. Endocytic proteins are partitioned at the edge of the clathrin lattice in mammalian cells. *Nat. Cell Biol.* 2017-04-01 [PMID: 28346440]



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Products Related to NBP2-32694

NBP2-32694PEP	FCHO2 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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