

Datasheet for 600-401-BD9**FCHO2 Antibody****Overview**

Description:	Anti-FCHO2 (RABBIT) Antibody - 600-401-BD9
Item No.:	600-401-BD9
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	FCHO2 (FCH domain only 2) is a ubiquitously expressed member of the FCFBS superfamily characterized by FES-CIP4 homology (FCH) domain, an FBH domain, and an SH3 domain. Both FCHO2 and the related protein FCHO1 are mediators of clathrin-mediated endocytosis, acting to sculpt the initial bud site and recruit the clathrin machinery for clathrin-coated vesicle formation. FCHO2 binds to Eps15, an important adaptor protein in clathrin-mediated endocytosis.
Synonyms:	FCHO2 Antibody, FCH domain only protein 2
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	FCHO2
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-FCHO2 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid synthetic peptide near the internal region of human FCHO2.

Purity/Specificity: Anti-FCHO2 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. FCHO2 antibody is predicted to not cross-react with other FCHO protein family members. At least the isoforms of FCHO2 are known to exist; this antibody will detect only the two longest isoforms.

Relevant Links:

- [UniProtKB - Q0JRZ9](#)
- [GeneID - 115548](#)
- [NCBI - NP_620137](#)

Application Details

Tested Applications: ELISA, IF, IHC, WB

Application Note: Anti-FCHO2 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 89 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000 - 1:20,000

IF: 2.5 µg/mL

IHC: 2.5 µg/mL

WB: 1-2 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

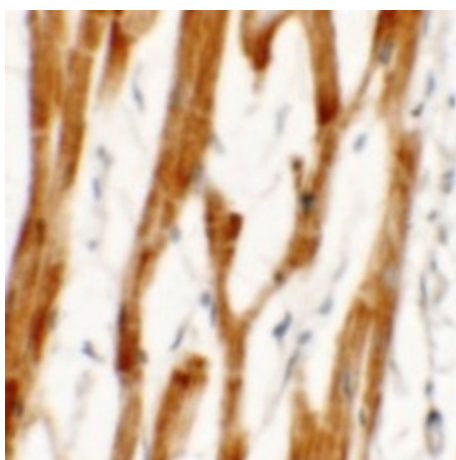
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Images

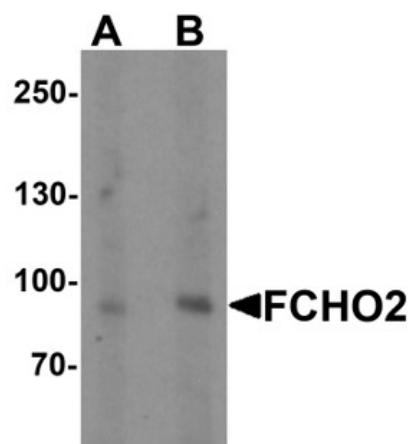


Immunohistochemistry

Immunohistochemistry of FCHO2.

Tissue: human heart tissue.

Primary Antibody: FCHO2 antibody at 2.5 µg/mL.

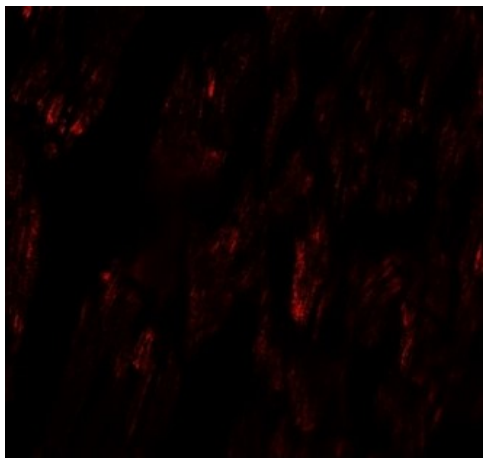


Western Blot

Western blot analysis of FCHO2.

Load: rat heart tissue lysate.

Primary antibody: FCHO2 antibody at (A) 1 and (B) 2 µg/ml.

**Immunofluorescence Microscopy**

Immunofluorescence of FCHO2.

Tissue: human heart tissue.

Primary antibody: FCHO2 antibody at 20 µg/mL.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.