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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

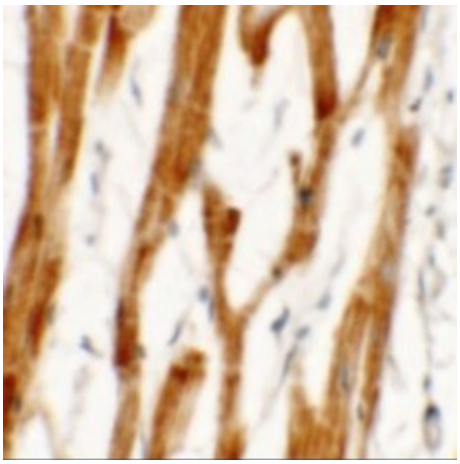
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

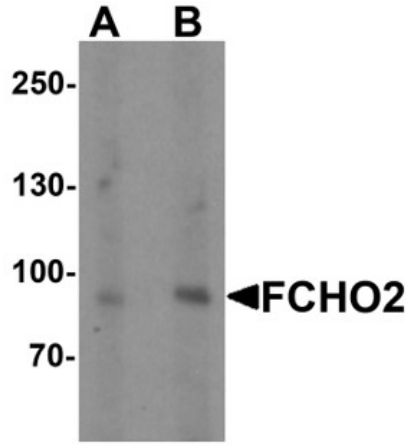
Shipping Condition:	Dry Ice

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.

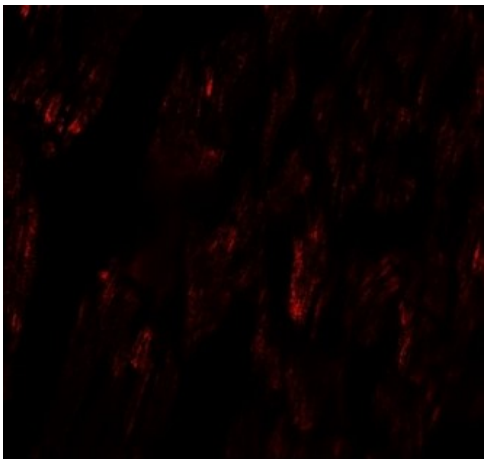
Images



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.

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