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Datasheet for 200-901-BE0

FCHSD1 Antibody

Overview

Description:	Anti-FCHSD1 (CHICKEN) Antibody - 200-901-BE0
Item No.:	200-901-BE0
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse
Host Species:	Chicken

Product Details

Background:	The FCH and double SH3 domains protein 1 (FCHSD1, also known as NWK2) and the related protein FCHSD2 were initially identified in silico as distantly related proteins to FNBP1 and FNBP2. Both share the common domain structure consisting of FCH, FBH, two SH3 and C-terminal proline-rich domains. While little is known of the function of FCHSD1, the related protein NWK is an adaptor protein that is thought to regulate Rho activity downstream of Robo receptors, suggesting that FCHSD1 may be involved in synaptic morphology by regulating actin dynamics in presynaptic terminals.
Synonyms:	FCHSD1 Antibody, NWK2, FCH and double SH3 domains protein 1
Host Species:	Chicken
Clonality:	Polyclonal
Format:	IgY

Target Details

Gene Name:	FCHSD1
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-FCHSD1 antibody was prepared from chicken egg fractions produced by repeated immunizations with a 15 amino acid synthetic peptide near the C-terminus of human FCHSD1.

Purity/Specificity:	Anti-FCHSD1 Antibody is an IgY fraction that has been affinity purified by immunoaffinity purification. Multiple isoforms of FCHSD1 are known to exist. FCHSD1 antibody is predicted to not cross-react with FCHSD2
Relevant Links:	• UniProtKB - Q86WN1 • GeneID - 89848 • NCBI - NP_258260

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-FCHSD1 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 77 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:	1:5000 - 1:10000
WB:	0.5 - 1 µg/mL

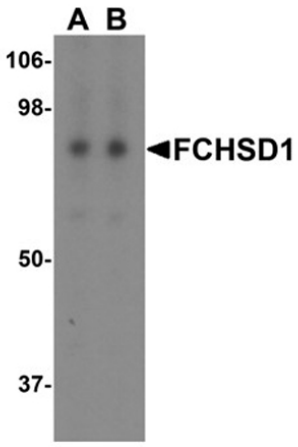
Formulation

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



Western Blot
Western blot analysis of FCHSD1. Load: MCF7 cell lysate. Primary Antibody: FCHSD1 antibody at (A) 0.5 µg/mL and (B) 1 µg/mL.

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