

FCHSD1 Antibody
Catalog # ASC11382**Specification**

FCHSD1 Antibody - Product Information

Application	IF
Primary Accession	Q86WN1
Other Accession	NP_258260 , 89848
Reactivity	Human, Mouse
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Application Notes	FCHSD1 antibody can be used for detection of FCHSD1 by Western blot at 0.5 - 1 µg/mL.

FCHSD1 Antibody - Additional InformationGene ID **89848****Target/Specificity**

FCHSD1 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of human FCHSD1.

The immunogen is located within the last 50 amino acids of FCHSD1.

Reconstitution & Storage

FCHSD1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions

FCHSD1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FCHSD1 Antibody - Protein Information**Name** FCHSD1**Function**

Promotes actin polymerization mediated by SNX9 and WASL.

Cellular Location

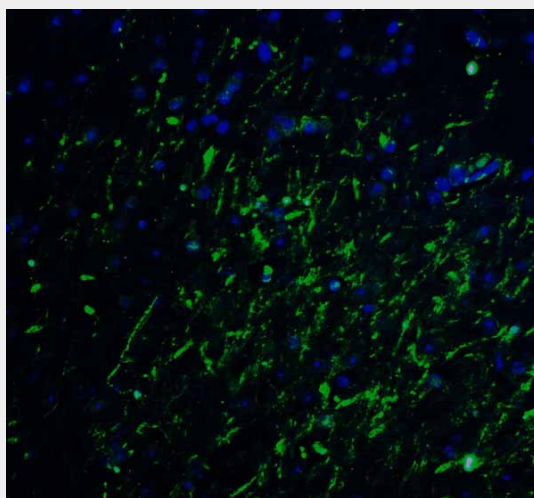
Cytoplasm {ECO:0000250|UniProtKB:Q6PFY1}. Perikaryon {ECO:0000250|UniProtKB:Q6PFY1}. Cell projection {ECO:0000250|UniProtKB:Q6PFY1}. Cytoplasmic vesicle {ECO:0000250|UniProtKB:Q6PFY1}. Note=Detected on neuronal cell bodies and cell projections, in part on cytoplasmic vesicles {ECO:0000250|UniProtKB:Q6PFY1}

FCHSD1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FCHSD1 Antibody - Images



Immunofluorescence of LMX1A in mouse brain tissue with LMX1A Antibody at 20 µg/mL.

FCHSD1 Antibody - Background

FCHSD1 Antibody: 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.

FCHSD1 Antibody - References

Kato M and Kato M. Identification and characterization of human FCHSD1 and FCHSD2 genes in silico. *Int. J. Mol. Med.* 2004; 13:749-54.
Coyle IP, Koh YH, Lee WC, et al. Nervous wreck, an SH3 adaptor protein that interacts with Wsp, regulates synaptic growth in drosophila. *Neuron* 2004; 41:521-34