

FCHSD1 Rabbit pAb

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Catalog # AP58972

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q86WN1
Reactivity	Human
Predicted	Rat, Dog, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76942
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FCHSD1
Epitope Specificity	151-250/690
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FCHSD1 is a 690 amino acid protein that contains one FCH domain and two SH3 domains. FCHSD1 exists as three isoforms as a result of alternative splicing events. The gene encoding FCHSD1 maps to chromosome 5, which is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

Additional Information

Gene ID	89848
Other Names	F-BAR and double SH3 domains protein 1, Protein nervous wreck 2, FCHSD1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

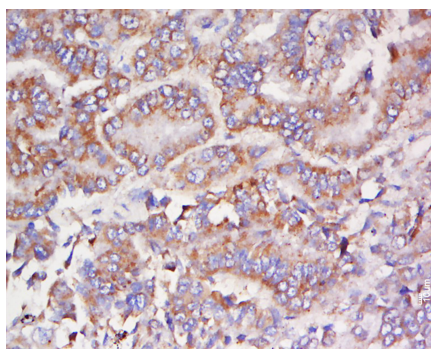
Protein Information

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}

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Images



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-FCHSD1 Polyclonal Antibody, Unconjugated(AP58972) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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