

FEM1C Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17534b

Specification

FEM1C Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q96JP0
Other Accession	Q8CEF1 , A7MB89 , NP_064562.1
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	68673
Antigen Region	455-481

FEM1C Antibody (C-term) - Additional Information

Gene ID 56929

Other Names

Protein fem-1 homolog C, FEM1c, FEM1-gamma, FEM1C, KIAA1785

Target/Specificity

This FEM1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 455-481 amino acids from the C-terminal region of human FEM1C.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FEM1C Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FEM1C Antibody (C-term) - Protein Information

Name FEM1C {ECO:0000303|PubMed:14527725, ECO:0000312|HGNC:HGNC:16933}

Function Substrate-recognition component of a Cul2-RING (CRL2) E3 ubiquitin-protein ligase complex of the DesCEND (destruction via C-end degrons) pathway, which recognizes a C-degron located at the extreme C terminus of target proteins, leading to their ubiquitination and degradation (PubMed:[29775578](#), PubMed:[29779948](#), PubMed:[33398168](#), PubMed:[33398170](#), PubMed:[38326650](#)). The C-degron recognized by the DesCEND pathway is usually a motif of less than ten residues and can be present in full-length proteins, truncated proteins or proteolytically cleaved forms (PubMed:[29775578](#), PubMed:[29779948](#), PubMed:[33398168](#), PubMed:[33398170](#)). The CRL2(FEM1C) complex specifically recognizes proteins with an arginine at the C-terminus: recognizes and binds proteins ending with -Lys/Arg-Xaa-Arg and -Lys/Arg-Xaa-Xaa-Arg C- degrons, such as SIL1 or OR51B2, leading to their ubiquitination and degradation (PubMed:[33398168](#), PubMed:[33398170](#), PubMed:[38326650](#)). The CRL2(FEM1C) complex mediates ubiquitination and degradation of truncated MSRB1/SEPX1 selenoproteins produced by failed UGA/Sec decoding (PubMed:[26138980](#)). Promotes ubiquitination and degradation of SLBP (PubMed:[28118078](#)).

Tissue Location

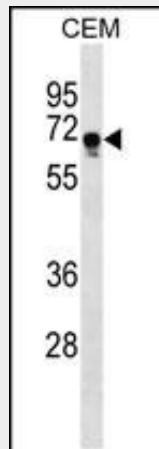
Widely expressed. Highly expressed in kidney, cardiac tissue, skeletal muscle and testis. Expressed at lower levels in other tissues, including cartilage.

FEM1C Antibody (C-term) - 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](#)

FEM1C Antibody (C-term) - Images



FEM1C Antibody (C-term) (Cat. #AP17534b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the FEM1C antibody detected the FEM1C protein (arrow).

FEM1C Antibody (C-term) - Background

Probable component of an E3 ubiquitin-protein ligase complex, in which it may act as a substrate recognition subunit (By similarity).

FEM1C Antibody (C-term) - References

Goodarzi, M.O., et al. Hum. Reprod. 23(12):2842-2849(2008)
Ventura-Holman, T., et al. Gene 314, 133-139 (2003) :
Krakow, D., et al. Gene 279(2):213-219(2001)