

FEM1A / APRAP Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2264a**Specification**

FEM1A / APRAP Antibody (C-Term) - Product Information

Application	WB
Primary Accession	Q9BSK4
Other Accession	NP_061178.1 , 55527
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	73639

FEM1A / APRAP Antibody (C-Term) - Additional Information**Gene ID** 55527**Other Names**

Protein fem-1 homolog A, FEM1a, FEM1-alpha, Prostaglandin E receptor 4-associated protein, FEM1A, EPRAP

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FEM1A / APRAP Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

FEM1A / APRAP Antibody (C-Term) - Protein Information**Name** FEM1A {ECO:0000303|PubMed:16254458, ECO:0000312|HGNC:HGNC:16934}**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:29779948, PubMed:33398168, PubMed:33398170). 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:29779948, PubMed:33398168, PubMed:33398170). The CRL2(FEM1A) 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). Promotes ubiquitination and degradation of SLBP (PubMed:28118078). Involved in PGE2-EP4- mediated inhibition of inflammation of macrophages via interaction with NFKB1 and PTGER4 (By similarity). Promotes inflammation in brain microglia through MAP2K4/MKK4-mediated signaling (By similarity).

Cellular Location

Mitochondrion. Cytoplasm

Tissue Location

Present in macrophages derived from peripheral blood monocytes. Also present in atheromata (at protein level)

FEM1A / APRAP 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](#)

FEM1A / APRAP Antibody (C-Term) - Images



AF2264a (1 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

FEM1A / APRAP Antibody (C-Term) - References

Prostaglandin E receptor type 4-associated protein interacts directly with NF-kappaB1 and attenuates macrophage activation. Minami M, Shimizu K, Okamoto Y, Folco E, Ilasaca ML, Feinberg MW, Aikawa M, Libby P. J Biol Chem. 2008 Apr 11;283(15):9692-703. PMID: 18270204