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FEM1A Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58534

Specification

FEM1A Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF**
Primary Accession	Q9BSK4
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**73639**

FEM1A Polyclonal Antibody - Additional Information

Gene ID 55527

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

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ 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 ℃.

FEM1A Polyclonal Antibody - 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:<a

href="http://www.uniprot.org/citations/33398170" target="_blank">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 Polyclonal 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 Cytomety
- Cell Culture

FEM1A Polyclonal Antibody - Images