

AP07752PU-N**Polyclonal Antibody to FEM1B (609-622) - Aff - Purified****Alternate names:**

F1A-alpha, F1AA, FEM1-beta, Fem-1-like death receptor-binding protein alpha, KIAA0396, Protein fem-1 homolog B

Quantity:

50 µg

Concentration:

0.5 mg/ml

Background:

Fas and tumor necrosis factor receptor 1 (TNFR1) are two prototype members in the death receptor family. A novel protein that associates with the intracellular domains of Fas and TNFR1 was recently identified and designated F1Aa and FEM1b. F1Aa/FEM1b is the homologue of *C. elegans* sex determining protein FEM-1. FEM-1/F1Aa is cleaved by CED-3 and caspase. FEM-1/F1Aa associates with CED-4 and its mammalian homologue Apaf-1. Overexpression of F1Aa induces apoptosis. F1Aa is therefore a novel member of the death receptor associated protein that mediates apoptosis. F1Aa is expressed in a variety of human and mouse tissues.

Uniprot ID:

[Q9UK73](#)

NCBI:

[NP_056137.1](#)

GenelD:

[10116](#)

Host:

Rabbit

Immunogen:

Synthetic Peptide corresponding to amino acids 609 to 622 of human F1Aa.

AA Sequence:

DINYQDQIPRTLEE

Remarks: Percent identity by BLAST analysis: Human, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Horse, Rabbit, Pig (100%); Opossum (86%).

Format:

State: Liquid purified IgG fraction

Purification: Immunoaffinity Chromatography

Buffer System: Phosphate Buffered Saline PBS containing 0.02% Sodium Azide as preservative

Applications:

Immunohistochemistry on Paraffin Sections: 10 µg/ml.

Western Blot: 0.5 - 1 µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody detects FEM1B at aa 609-622.

Species Reactivity:

Tested: Human, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Horse, Rabbit, Pig, Opossum

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Dilute only prior to immediate use.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Figure 1. Formalin-Fixed Paraffin-Embedded (FFPE) on Brain, Cortex.

