

## AIFM1

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**Reactivity:**Human

**Tested applications:**WB IHC IF FC

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:50 - 1:200 IF 1:20 - 1:50 FC 1:20 - 1:50

**Calculated MW:**66kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human AIFM1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

b

**Synonym:**

AIF; MGC111425; PDCD8

**Catalog #:**A0811

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**9131

**Isotype:**IgG

**Swiss Prot:**O95831

**Purity:**Affinity purification

For research use only.

**Background:**

This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells, and it is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it affects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Mutations in this gene cause combined oxidative phosphorylation deficiency 6, which results in a severe mitochondrial encephalomyopathy. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 10. [provided by RefSeq, May 2010]

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