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# AIFM1 Polyclonal Antibody

**Cat #:** G-AB-00215

**Host:** Rabbit **Reactivity:** Rat

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
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.

**Gene ID:**

**Accession #:**

**Immunogen:** Recombinant Rat Apoptosis-inducing factor 1, mitochondrial protein

**Conjugation:** Unconjugated

**Swissprot:** Q9JM53

**Calculated Molecular Weight:** 67 kDa

**Observed Molecular Weight:** 67 kDa

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

**Purification Method:** Antigen Affinity Purification

**Application:** WB

**Dilution:** WB 1:500-1:1000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.