

AIFM1 Polyclonal Antibody

catalog number: E-AB-40255

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

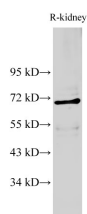
| | |
|---------------------|--|
| Reactivity | Rat |
| Immunogen | Recombinant Rat Apoptosis-inducing factor 1, mitochondrial protein |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen Affinity Purification |
| Conjugation | Unconjugated |
| buffer | PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4 |

Applications

Recommended Dilution

| | |
|-----------|--------------|
| WB | 1:500-1:1000 |
|-----------|--------------|

Data



Western Blot analysis of Rat kidney using AIFM1 Polyclonal

Antibody at dilution of 1:500

Observed-MV:67 kDa

Calculated-MV:67 kDa

Preparation & Storage

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|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

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.

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