AIFM1 Antibody

PACO14011

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:5000, WB:1:500-1:2000, IHC:1:25-1:100

Protein 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.

Gene ID:

AIFM1

Uniprot

O95831

Synonyms:

apoptosis-inducing factor, mitochondrion-associated, 1

Immunogen:

Fusion protein of human AIFM1.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

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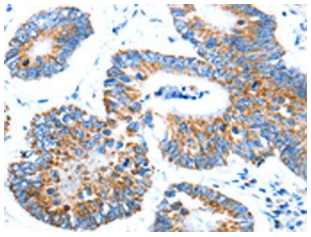
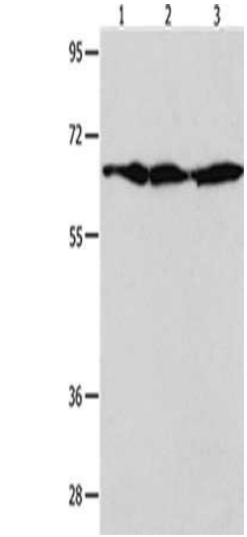
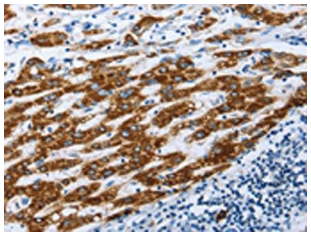
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO14011(AIFM1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 10+12%SDS-PAGE, Lysate: 30 μ g, Lane 1-3: NIH/3T3 cells, Hela cells, 293T cells, Primary antibody: PACO14011(AIFM1 Antibody) at dilution 1/600, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO14011(AIFM1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).

