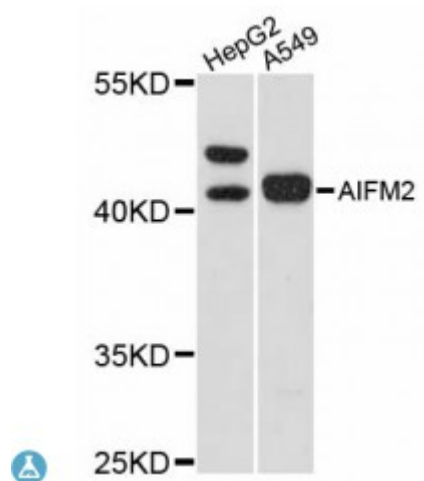


Anti-AIFM2 Antibody



Description

This gene encodes a flavoprotein oxidoreductase that binds single stranded DNA and is thought to contribute to apoptosis in the presence of bacterial and viral DNA. The expression of this gene is also found to be induced by tumor suppressor protein p53 in colon cancer cells.

Model STJ114022

Host Rabbit

Reactivity Human

Applications WB

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 1-373 of human AIFM2 (NP_116186.1).

Gene ID [84883](#)

Gene Symbol [AIFM2](#)

Dilution range WB 1:500 - 1:2000

Tissue Specificity Detected in most normal tissues as two transcripts of 1,8 and 4,0 kb in length, respectively, Highly expressed in heart, moderately in liver and skeletal muscles, and expressed at low levels in placenta, lung, kidney, and pancreas, Both transcripts expressed following p53/TP53 induction, The shorter 1,8 kb transcript seems to be the major transcript in EB1 colon cancer cells

Purification Affinity purification

Note For Research Use Only (RUO).

Protein Name Apoptosis-inducing factor 2

Molecular Weight	40.527 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:21411OMIM:605159Reactome:R-HSA-6803204
Alternative Names	Apoptosis-inducing factor 2
Function	Oxidoreductase, which may play a role in mediating a p53/TP53-dependent apoptosis response, Probable oxidoreductase that acts as a caspase-independent mitochondrial effector of apoptotic cell death, Binds to DNA in a sequence-independent manner, May contribute to genotoxin-induced growth arrest,
Cellular Localization	Cytoplasm, Mitochondrion outer membrane, Membrane

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