

🕜 Tel: +1-301-363-4651 🗵 Email: cusabio@cusabio.com 🙆 Website: www.cusabio.com 🌘

## AIFM1 Antibody, FITC conjugated

Product CodeCSB-PA001492HC01HUStorageUpon receipt, store at -20°C or -80°C. Avoid repeated freeze.Uniprot No.O95831ImmunogenRecombinant Human Apoptosis-inducing factor 1, mitochondrial protein (103-612AA)Raised InRabbitSpecies ReactivityHumanTested ApplicationsELISARelevanceFunctions both as NADH oxidoreductase and as regulator of apoptosis. In response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cyclosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase and activity. The soluble form (AIFsol) found in the nucleus induces ('partenet') i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G, and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapser-1 to amplify apoptosis. Plays a critical role in caspase- independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.FormLiquidConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology		
Uniprot No.O95831ImmunogenRecombinant Human Apoptosis-inducing factor 1, mitochondrial protein (103-612AA)Raised InRabbitSpecies ReactivityHumanTested ApplicationsELISARelevanceFunctions both as NADH oxidoreductase and as regulator of apoptosis. In response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFsol) found in the nucleus induces VparthanatosV i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G, and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapse-7 to amplify apoptosis. Plays a critical role in caspase- independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.FormLiquidConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1-) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Product Code	CSB-PA001492HC01HU
ImmunogenRecombinant Human Apoptosis-inducing factor 1, mitochondrial protein (103-612AA)Raised InRabbitSpecies ReactivityHumanTested ApplicationsELISARelevanceFunctions both as NADH oxidoreductase and as regulator of apoptosis. In response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as an antiapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFsol) found in the nucleus induces 'parthanatos' i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G, and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapse-7 to amplify apoptosis. Plays a critical role in caspase- independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.FormLiquidConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised InRabbitRaised InRabbitSpecies ReactivityHumanTested ApplicationsELISARelevanceFunctions both as NADH oxidoreductase and as regulator of apoptosis. In response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFSO) found in the nucleus induces \pathanatos\' i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G, and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapse-7 to apolytogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.FormLiquidConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Consituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Uniprot No.	O95831
Species ReactivityHumanTested ApplicationsELISARelevanceFunctions both as NADH oxidoreductase and as regulator of apoptosis. In response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFsol) found in the nucleus induces '\parthanatos' i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G,and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapse-7 to amplify apoptosis. Plays a critical role in caspase- independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.FormLiquidConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Immunogen	
Tested ApplicationsELISARelevanceFunctions both as NADH oxidoreductase and as regulator of apoptosis. In response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFsol) found in the nucleus induces \'parthanatos\' i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G, and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapse-7 to amplify apoptosis. Plays a critical role in caspase- independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.FormLiquidConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Raised In	Rabbit
RelevanceFunctions both as NADH oxidoreductase and as regulator of apoptosis. In response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFsol) found in the nucleus induces 'parthanatos' i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G, and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapse-7 to amplify apoptosis. Plays a critical role in caspase- independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.FormLiquidConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human) Research AreaCell Biology	Species Reactivity	Human
response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as a an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFsol) found in the nucleus induces \'parthanatos\' i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G,and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapse-7 to amplify apoptosis. Plays a critical role in caspase- independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.FormLiquidConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Tested Applications	ELISA
ConjugateFITCStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Relevance	response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFsol) found in the nucleus induces \'parthanatos\' i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G,and thereby inhibits the EIF3 machinery and protein synthesis, and activates casapse-7 to amplify apoptosis. Plays a critical role in caspase- independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to
Storage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Form	Liquid
Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification Method>95%, Protein G purifiedIsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Conjugate	FITC
IsotypeIgGClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Storage Buffer	
ClonalityPolyclonalAliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Purification Method	>95%, Protein G purified
AliasApoptosis-inducing factor 1, mitochondrial (EC 1.1.1) (Programmed cell death protein 8), AIFM1, AIF PDCD8SpeciesHomo sapiens (Human)Research AreaCell Biology	Isotype	IgG
protein 8), AIFM1, AIF PDCD8   Species   Homo sapiens (Human)   Research Area   Cell Biology	Clonality	Polyclonal
Research Area Cell Biology	Alias	
	Species	Homo sapiens (Human)
Target Names AIFM1	Research Area	Cell Biology
	Target Names	AIFM1

1