



Rabbit Anti-AIFM1 monoclonal antibody, clone TA06-12 (CABT-L595)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	AIF
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TA06-12
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC, IHC, IP, FC
Molecular Weight	67 kDa
Cellular Localization	Mitochondrion intermembrane space, Mitochondrion inner membrane, Cytoplasm, Nucleus.
Positive Control	SKOV-3, Hela, HepG2, human liver tissue, mouse heart tissue, human kidney tissue, mouse liver tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	A key event in the apoptotic process is the opening of the mitochondrial permeability transition pore, an event that is regulated by Bcl-2 family proteins, resulting in the release of several proteins from the mitochondrial intermembrane space. Several of these proteins participate in apoptosis, including cytochrome c, procaspases 2, 3, and 9, and AIF (apoptosis-inducing factor). AIF has been shown to cause DNA fragmentation and chromatin condensation and to induce the release of cytochrome c and caspase-9 from mitochondria. Bcl-2 overexpression has been shown to prevent the release of AIF from mitochondria, but not to block its apoptogenic activity.
Keywords	AIFM1;AIFM1_HUMAN;Apoptosis inducing factor 1, mitochondrial;Apoptosis inducing factor;Apoptosis inducing factor, mitochondrion associated, 1;Apoptosis-inducing factor 1;CMTX4;COWCK;COXPD6;Harlequin;Hq;mAIF;MGC111425;MGC5706;mitochondrial;Neuropathy, axonal motor-sensory, with deafness and mental retardation;neuropathy, axonal, motor-sensory with deafness and mental retardation (Cowchock syndrome);PDCD 8;PDCD8;Programmed cell death 8 (apoptosis inducing factor);Programmed cell death 8;Programmed cell death 8 isoform 1;Programmed cell death 8 isoform 2;Programmed cell death 8 isoform 3;Programmed cell death protein 8;Programmed cell death protein 8 mitochondrial;Programmed cell death protein 8 mitochondrial precursor;Programmed cell death protein 8 mitochondrial precursor;Striatal apoptosis inducing factor antibody

GENE INFORMATION

Entrez Gene ID	838
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