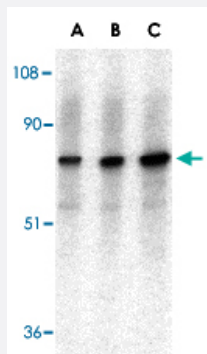


AIFM1 polyclonal antibody

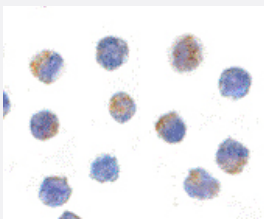
Catalog # PAB13405 Size 100 ug

Applications



Western Blot

Western blot analysis of AIFM1 in K-562 cell lysate (A), mouse (B), and rat (C) liver tissue lysates with AIFM1 polyclonal antibody (Cat # PAB13405) at 1 ug/mL .



Immunocytochemistry

Immunocytochemistry of AIFM1 in K-562 cells with AIFM1 polyclonal antibody (Cat # PAB13405) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AIFM1.
Immunogen	A synthetic peptide corresponding to amino acids 593-606 of human AIFM1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This sequence is identical to those of mouse and rat AIF.
Form	Liquid

Recommend Usage	Western Blot (0.25-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of AIFM1 in K-562 cell lysate (A), mouse (B), and rat (C) liver tissue lysates with AIFM1 polyclonal antibody (Cat # PAB13405) at 1 ug/mL .

- Immunocytochemistry

Immunocytochemistry of AIFM1 in K-562 cells with AIFM1 polyclonal antibody (Cat # PAB13405) at 5 ug/mL .

Gene Info — AIFM1

Entrez GeneID	9131
Protein Accession#	O95831
Gene Name	AIFM1
Gene Alias	AIF, MGC111425, PDCD8
Gene Description	apoptosis-inducing factor, mitochondrion-associated, 1
Omim ID	300169
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells that 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 effects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Several alternative transcripts encoding different isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000024007 OTTHUMP00000024008 OTTHUMP00000024009 programmed cell death 8 programmed cell death 8 (apoptosis-inducing factor) striatal apoptosis-inducing factor

Publication Reference

- [Condensed matter in cell death.](#)

Zamzami N, Kroemer G.

Nature 1999 Sep; 401(6749):127.

- [Molecular characterization of mitochondrial apoptosis-inducing factor.](#)

Susin SA, Lorenzo HK, Zamzami N, Marzo I, Snow BE, Brothers GM, Mangion J, Jacotot E, Costantini P, Loeffler M, Larochette N, Goodlett DR, Aebersold R, Siderovski DP, Penninger JM, Kroemer G.

Nature 1999 Feb; 397(6718):441.

Pathway

- [Apoptosis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)