

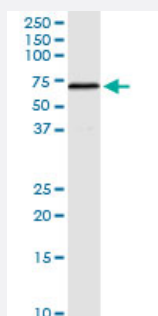
MaxPab®

AIFM1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00009131-D01P

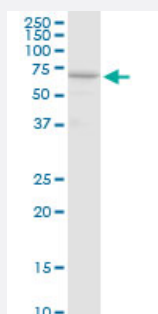
Size 100 ug

Applications



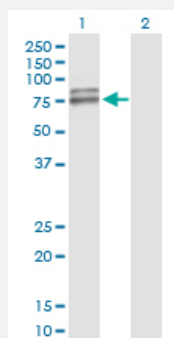
Western Blot (Tissue lysate)

AIFM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of AIFM1 expression in human liver.



Western Blot (Cell lysate)

AIFM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of AIFM1 expression in A-431.

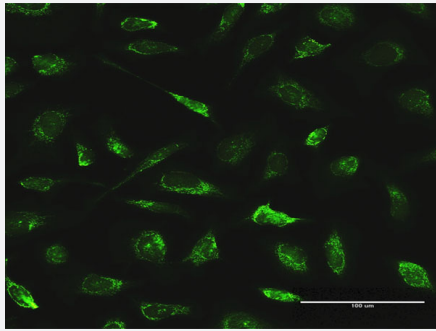


Western Blot (Transfected lysate)

Western Blot analysis of AIFM1 expression in transfected 293T cell line ([H00009131-T02](#)) by AIFM1 MaxPab polyclonal antibody.

Lane 1: AIFM1 transfected lysate(66.90 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to AIFM1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AIFM1 protein.
Immunogen	AIFM1 (NP_004199.1, 1 a.a. ~ 613 a.a) full-length human protein.
Sequence	MFRCGGLAAGALKQKLVPLVRTVCVRSRQNRNLPGNLFQRWHVPLELQMTRQMASSGASGG KIDNSVLVLIVGLSTVGAGAYAYKTMKEDEKRYNERISGLGLTPEQKQKKAALSASEGEEVPQDKA PSHVPFLLIGGGTAAFAAARSIRARDPGARVLVSEDPELPYMRPPLSKELWFSDDPNVTKTLRFK QWNGKERSIYQPPSFYVSAQDLPHIENGGVAVLTGKKVVQLDVRDNMVKLNDGSQITYEKCLIA GGTPRSLSAIDRAGAEVKSRTTLFRKIGDFRSLEKISREVKSITIIGGGFLGSELACALGRKARALGT EVIQLFPEKGNMGKILPEYLSNWTMEKVRREGVKVMPNAVQSVGVSSGKLLIKLDGRKVETDHI VAAVGLEPNVELAKTGGLIDSDFGGFRVNAELQARSNMVAGDAACFYDIKLGRRRVEHHDHAV VSGRLAGENMTGAAKPYWHQSMFWSDLGPDVGYEAIGLVDSSLPTVGVFAKATAQDNPKSATE QSGTGIRSESETESEASEITIPPSTPAVPQAPVQGEDYGKGVIFYLRDKVVVGVLWNIFNRMPIARK IKDGEQHEDLNEVAKLFNIHED
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

AIFM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of AIFM1 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

AIFM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of AIFM1 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AIFM1 expression in transfected 293T cell line ([H00009131-T02](#)) by AIFM1 MaxPab polyclonal antibody.

Lane 1: AIFM1 transfected lysate(66.90 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to AIFM1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — AIFM1

Entrez GeneID [9131](#)

GeneBank Accession# [NM_004208](#)

Protein Accession# [NP_004199.1](#)

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

Pathway

- [Apoptosis](#)

Disease

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