

Rabbit Apoptosis Inducing Factor Polyclonal Antibody | anti-AIF antibody

Polyclonal Antibody to Apoptosis Inducing Factor (AIF)

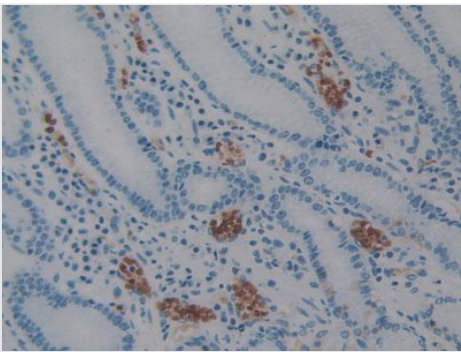
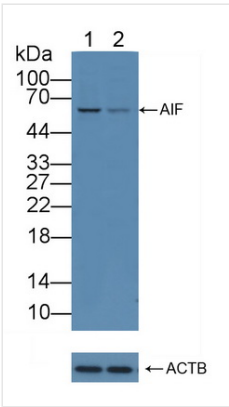
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142771	Rabbit	Human, Pig, Bovine	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Apoptosis Inducing Factor; Polyclonal Antibody; Polyclonal Antibody to Apoptosis Inducing Factor (AIF); anti-AIF antibody

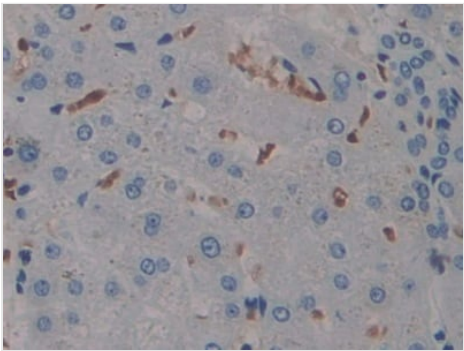
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig, Bovine
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against AIF. It has been selected for its ability to recognize AIF in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.24mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGRGSE F-GLTPEQKQ KKAALSASEG EEVPQDKAPS HVPFLIGGG TAAFAAARS RARDPGARVL IVSEDPPELY MRPLSKELW FSDDPNVTKT LRFKQWNGKE RSIYFQPPSF YVSAQDLPHI ENGGVAVLTG KKVQLDVRD NMVKLNDGSQ IYKCLIAI GGTPRSLAI DRAGAEVKSR TTLFRKIGDF RSLEKISREV
Applicable Applications for anti-AIF antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	AIF (Gly103~Lys322)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Pig
Conjugate	No Conjugate
Immunogen	Recombinant AIF (Gly103~Lys322) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

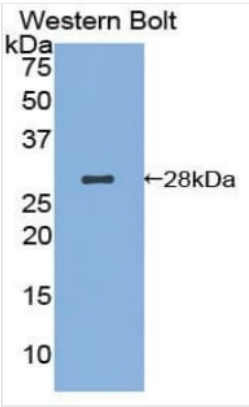


IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Stomach Tissue.

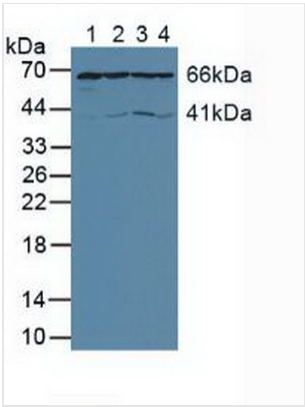
Application Data
Knockout Validation: Lane 1: Wild-type A549 cell lysate; Lane 2: AIF knockout A549 cell lysate; Predicted MW: 26~35,66kd Observed MW: 66kd Primary Ab: 3ug/ml Rabbit Anti-Human AIF Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Human Liver Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant AIF, Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Porcine Liver Tissue; Lane2: Porcine Heart Tissue; Lane3: Human Hela Cells; Lane4: Human A549 Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AIF antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	923424571
NCBI GeneID	9131
NCBI Accession #	NP_001124318.2
NCBI GenBank Nucleotide #	NM_001130846.3
UniProt Accession #	O95831; Q1L6K4; Q1L6K6; Q2QKE4; Q5JUZ7; Q6I9X6; Q9Y3I3; Q9Y3I4; A4QPB4; B1ALN1; B2RB08; D3DTE9
Molecular Weight	26,033 Da
NCBI Official Full Name	apoptosis-inducing factor 1, mitochondrial isoform AIFsh
NCBI Official Synonym Full Names	apoptosis inducing factor mitochondria associated 1
NCBI Official Symbol	AIFM1
NCBI Official Synonym Symbols	AIF; CMT2D; CMTX4; COWCK; DFNX5; NADMR; NAMSD; PDCD8; COXPD6
NCBI Protein Information	apoptosis-inducing factor 1, mitochondrial
UniProt Protein Name	Apoptosis-inducing factor 1, mitochondrial
UniProt Gene Name	AIFM1
UniProt Synonym Gene Names	AIF; PDCD8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apoptosis-inducing-factor-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142771>