

Rabbit anti-Human, Mouse ATPIF1 Polyclonal Antibody | anti-ATPIF1 antibody

ATPIF1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10772	Rabbit	Human, Mouse	Western Blot, Immunofluorescence, Immunocytochemistry, Immunoprecipitation, ELISA

PRODUCT SYNONYMS

ATPIF1; Polyclonal Antibody; ATPIF1 Polyclonal Antibody; IP; ATPI; ATPIP; F1; anti-ATPIF1 antibody

PRODUCT SPECIFICATIONS

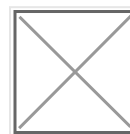
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	106
Applicable Applications for anti-ATPIF1 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IP (Immunoprecipitation), ELISA
Application Notes	WB 1:500 - 1:1000 IF/ICC 1:50 - 1:100 IP: 0.5ug-4ug antibody for 200 ug-400 ug extracts of whole cells.
Species	Human
Immunogen	Recombinant Protein
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 26-106 of human ATPIF1 (NP_057395.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human trachea using ATPIF1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using ATPIF1 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

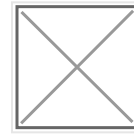
Immunohistochemistry of paraffin-embedded human stomach using ATPIF1 antibody at dilution of 1:100 (40x lens).

**IP (Immunoprecipitation)**

Immunoprecipitation analysis of 300 ug extracts of K-562 cells using 3ug [KO Validated] ATPIF1 Rabbit pAb (AAA10772). Western blot was performed from the immunoprecipitate using [KO Validated] ATPIF1 Rabbit pAb (AAA10772) at a dilution of 1:3000

**IF (Immunofluorescence)**

Immunofluorescence analysis of U2OS cells using [KO Validated] ATPIF1 Rabbit pAb (AAA10772) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining

**WB (Western Blot)**

Western blot analysis of lysates from wild type(WT) and ATPIF1 knockout (KO) 293T(KO)cells, using [KO Validated] ATPIF1 Rabbit pAb (AAA10772) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (at 1:10000 dilution. Lysates/proteins: 25?g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-ATPIF1 antibody	This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified. Background: Enables several functions, including ATPase binding activity; angiostatin binding activity; and mitochondrial proton-transporting ATP synthase complex binding activity. Involved in several processes, including mitochondrial depolarization; negative regulation of ATPase activity; and regulation of protein targeting to mitochondrion. Located in cell surface and mitochondrion.
Product Categories/Family for anti-ATPIF1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12585262
NCBI GeneID	93974
UniProt Accession #	Q9UII2 ; Q5JXL8 ; Q6IAQ7 ; Q9BSL9
Molecular Weight	Observed MW: 12 kDa Calculated MW: 12 KDa
NCBI Official Full Name	ATPase inhibitor, mitochondrial
NCBI Official Synonym Full Names	ATPase inhibitory factor 1
NCBI Official Symbol	ATPIF1
NCBI Official Synonym Symbols	IP; ATPi; ATPIP
NCBI Protein Information	ATPase inhibitor, mitochondrial; IF1; ATPase inhibitor protein; inhibitor of F(1)F(o)-ATPase; ATP synthase inhibitor protein
UniProt Protein Name	ATPase inhibitor, mitochondrial
UniProt Gene Name	ATPIF1
UniProt Synonym Gene Names	ATPI; IF(1); IF1
UniProt Entry Name	ATIF1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/atpif1-antibody-western-blot-immunofluorescence-immunocytochemistry-immunoprecipitation-elisa/10772>