

Rabbit ATPIF1 Polyclonal Antibody | anti-ATPIF1 antibody

ATPIF1 Polyclonal Antibody

CATALOG # AAA166140	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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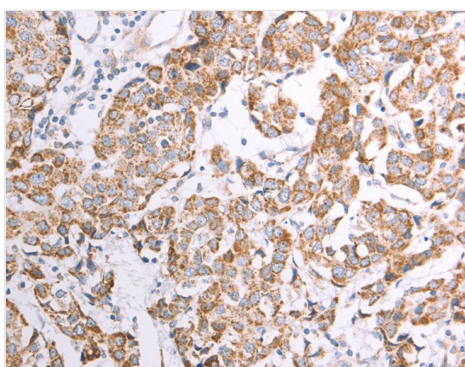
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

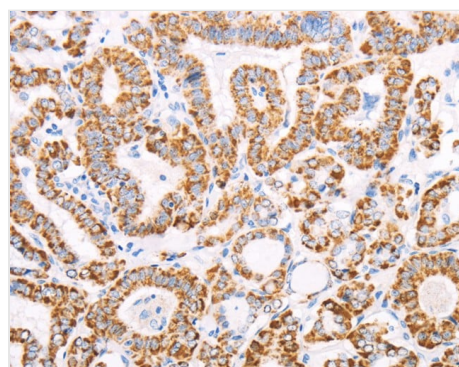
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.1mg/mL (varies by lot)
Sequence Length	60
Applicable Applications for anti-ATPIF1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human ATPIF1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



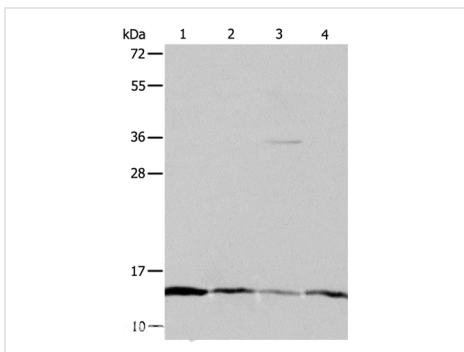
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using ATPIF1 Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using ATPIF1 Polyclonal Antibody at dilution of 1:50



WB (Western Blot)

Western Blot analysis of HeLa, Jurkat, MCF7 and A431 cell using ATPIF1 Polyclonal Antibody at dilution of 1:1200

ADDITIONAL INFORMATION

Related Product Information for anti-ATPIF1 antibody

ATPase inhibitor, mitochondrial is an enzyme that in humans is encoded by the ATPIF1 gene. This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified. It prevents ATPase from switching to ATP hydrolysis during collapse of the electrochemical gradient, for example during oxygen deprivation ATP synthase inhibitor forms a one to one complex with the F1 ATPase, possibly by binding at the alpha-beta interface. It is thought to inhibit ATP synthesis by preventing the release of ATP. The inhibitor has two oligomeric states, dimer (the active state) and tetramer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30260192
NCBI GeneID	93974
NCBI Accession #	NP_835498.1
NCBI GenBank Nucleotide #	NM_178191.2
Molecular Weight	6,592 Da
NCBI Official Full Name	ATPase inhibitor, mitochondrial isoform 3
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; ATP synthase inhibitor protein; ATPase inhibitor protein; IF(1); IF1; inhibitor of F(1)F(o)-ATPase
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atpif1-antibody-immunohistochemistry-western-blot-elisa/166140>