

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

ATPIF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305280	Rabbit	Human	Immunohistochemistry, Western Blot

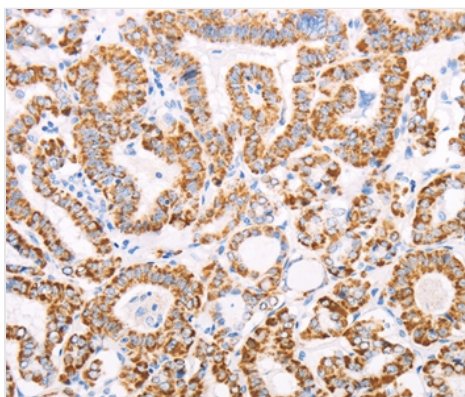
PRODUCT SYNONYMS

ATPIF1; Polyclonal Antibody; ATPIF1 Antibody; IP; ATP1; ATPIP; anti-ATPIF1 antibody

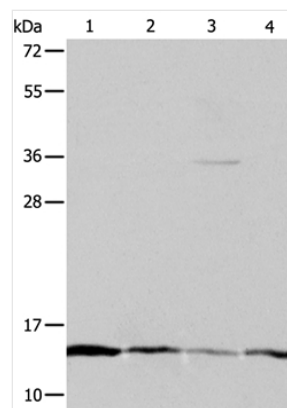
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ATPIF1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.1 mg/ml (varies by lot)
Sequence Length	106
Applicable Applications for anti-ATPIF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human ATPase inhibitory factor 1
Target Name	ATPIF1
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/50.


Application Data

Gel: 16%+12%+10%SDS-PAGE Lysates (from left to right): HeLa, Jurkat, MCF7 and A431 cell
Amount of lysate: 40ug per lane Primary antibody: 1/1200 dilution Secondary antibody dilution: 1/8000 Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-ATPIF1 antibody	ATPase inhibitor, mitochondrial is an enzyme that in humans is encoded by the ATP1F1 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.
Product Categories/Family for anti-ATPIF1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705927
NCBI GeneID	93974
NCBI Accession #	NP_057395.1
NCBI GenBank Nucleotide #	NM_016311.4
UniProt Accession #	Q9UII2; Q5JXL8; Q6IAQ7; Q9BSL9
Molecular Weight	6,592 Da
NCBI Official Full Name	ATPase inhibitor, mitochondrial isoform 1
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
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/305280>