

Rabbit ATP5A1 Polyclonal Antibody | anti-ATP5A1 antibody

Rabbit anti-ATP5A1 Antibody

CATALOG # AAA221131	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ATP5A1; Polyclonal Antibody; Rabbit anti-ATP5A1 Antibody; ATP5A; ATP5AL2; ATPM; ATP synthase subunit alpha; mitochondrial; anti-ATP5A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ATP5A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATP5A1. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ATP5A1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ATP5A1 expression in HEK293T (A), Raw264.7 (B), PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATP5A1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50345982
NCBI GeneID	498
NCBI Accession #	NP_001001935.1

NCBI GenBank Nucleotide #	NM_001001935.2
UniProt Accession #	P25705; Q03265; P15999
Molecular Weight	59,751 Da
NCBI Official Full Name	ATP synthase subunit alpha, mitochondrial isoform c
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle
NCBI Official Symbol	ATP5A1
NCBI Official Synonym Symbols	OMR; ORM; ATPM; MOM2; ATP5A; hATP1; MC5DN4; ATP5AL2
NCBI Protein Information	ATP synthase subunit alpha, mitochondrial; ATP sythase (F1-ATPase) alpha subunit; ATP synthase alpha chain, mitochondrial; mitochondrial ATP synthetase, oligomycin-resistant; ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit, isoform
UniProt Protein Name	ATP synthase subunit alpha, mitochondrial
UniProt Gene Name	ATP5A1
UniProt Synonym Gene Names	ATP5A; ATP5AL2; ATPM
UniProt Entry Name	ATPA_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/atp5a1-antibody-immunohistochemistry-western-blot-elisa/221131>