

Rabbit anti-Human ATPase, Na⁺/K⁺ Transporting Beta 3 Polypeptide (ATP1b3) Polyclonal Antibody | anti-ATP1b3 antibody

Polyclonal Antibody to ATPase, Na⁺/K⁺ Transporting Beta 3 Polypeptide (ATP1b3)

CATALOG # AAA20304	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

ATPase; Na⁺/K⁺ Transporting Beta 3 Polypeptide (ATP1b3); Polyclonal Antibody; Polyclonal Antibody to ATPase; anti-ATP1b3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ATP1b3. It has been selected for its ability to recognize ATP1b3 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	500ug/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 HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-MLQTLNDE VPKYRDQIPS PGLMVFPKPV TALEYTFERS DPTSYAGYIE DLKKFLKPYT LEEQKNLTVC PDGALFEQKG PVYVACQFPI SLLQACSGMN DPDFGYSQGN PCILVKMNRI IGLKPEGVPR IDCVSKNEDI PNNAVYPHNG MIDLKYFPYY GKKLHVGYLQ PLVAVQVSFA PNNTGKEVT ECKIDGSANL KS
Sequence Length	198
Applicable Applications for anti-ATP1b3 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant ATP1b3 (Met61~Phe273) expressed in E.coli.
Cross Reactivity	Human, Rat
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.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type A431 cell lysate; Lane 2: ATP1b3 knockout A431 cell lysate; Predicted MW: 32kd Observed MW: 55kd Primary Ab: 5ug/ml Rabbit Anti-Human ATP1b3 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human Lung Tissue; Lane2: Human A-431 Cells; Lane3: Rat Skin Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATP1b3 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502281
NCBI GeneID	483
NCBI Accession #	NP_001670.1
NCBI GenBank Nucleotide #	NM_001679.3
UniProt Accession #	P54709; B7Z1N7
Molecular Weight	21,713 Da
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit beta-3
NCBI Official Synonym Full Names	ATPase Na ⁺ /K ⁺ transporting subunit beta 3
NCBI Official Symbol	ATP1B3
NCBI Official Synonym Symbols	CD298; ATPB-3
NCBI Protein Information	sodium/potassium-transporting ATPase subunit beta-3
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit beta-3
UniProt Gene Name	ATP1B3
UniProt Synonym Gene Names	ATPB-3

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/atpase-na-k-transporting-beta-3-polypeptide-atp1b3-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/20304>