

Rabbit ATP6V1C1 Polyclonal Antibody | anti-ATP6V1C1 antibody

ATP6V1C1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175501	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

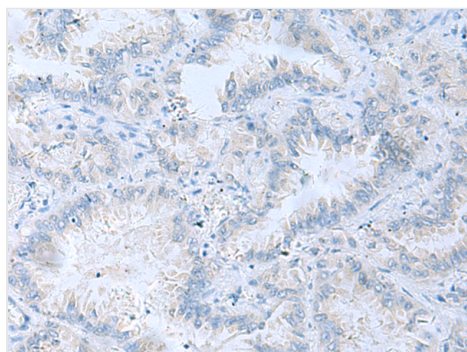
PRODUCT SYNONYMS

ATP6V1C1; Polyclonal Antibody; ATP6V1C1 Polyclonal Antibody; ATP6C; ATP6D; ATPase H⁺ transporting lysosomal (vacuolar proton pump) 42kD; ATPase H⁺ transporting lysosomal 42kD V1 subunit C isoform 1; ATPase H⁺ transporting lysosomal 42kDa V1 subunit C isoform 1; ATPase H⁺ transporting lysosomal 42kDa V1 subunit C1; ATPase H⁺ transporting lysosomal V1 subunit C1; FLJ20057; H(+) transporting two sector ATPase subunit C; H⁺ ATPase C subunit; H⁺ transporting ATPase chain C vacuolar; Subunit C of vacuolar proton ATPase V1 domain; V ATPase C subunit; V ATPase subunit C 1; V-ATPase subunit C 1; V-type proton ATPase subunit C 1; Vacuolar ATP synthase subunit C; Vacuolar proton pump 42 kD subunit; Vacuolar proton pump C subunit; Vacuolar proton pump subunit C 1; Vacuolar protonATPase subunit C VI domain; VATC; VATC1; VATPase C subunit; VATPase subunit C 1; VMA5; anti-ATP6V1C1 antibody

PRODUCT SPECIFICATIONS

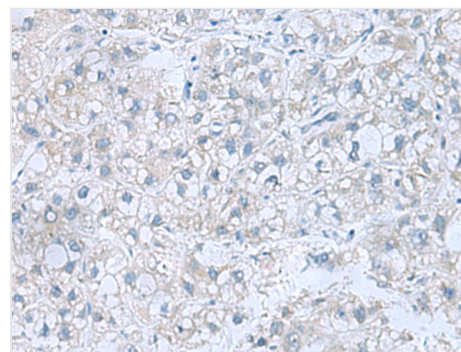
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	382
Applicable Applications for anti-ATP6V1C1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human ATP6V1C1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



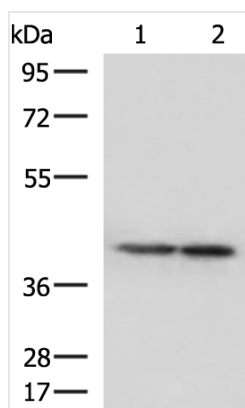
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using ATP6V1C1 Polyclonal Antibody at dilution of 1:100(×200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ATP6V1C1 Polyclonal Antibody at dilution of 1:100(×200



WB (Western Blot)

Western blot analysis of Human cerebella tissue and Human cerebrum tissue lysates using ATP6V1C1 Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6V1C1 antibody

This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of intracellular compartments of eukaryotic cells. V-ATPase dependent acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', c'', and d. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This gene is one of two genes that encode the V1 domain C subunit proteins and is found ubiquitously. This C subunit is analogous but not homologous to gamma subunit of F-ATPases. Previously, this gene was designated ATP6D.

Product Categories/Family for anti-ATP6V1C1 antibody

[Metabolism](#); [Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	401329
NCBI GeneID	528
UniProt Accession #	P21283
Molecular Weight	44 kDa
NCBI Official Full Name	V-type proton ATPase subunit C 1
NCBI Official Synonym Full Names	ATPase H ⁺ transporting V1 subunit C1
NCBI Official Symbol	ATP6V1C1
NCBI Official Synonym Symbols	VATC; Vma5; ATP6C; ATP6D
NCBI Protein Information	V-type proton ATPase subunit C 1
UniProt Protein Name	V-type proton ATPase subunit C 1
UniProt Gene Name	ATP6V1C1
UniProt Synonym Gene Names	ATP6C; ATP6D; VATC; V-ATPase subunit C 1
UniProt Entry Name	VATC1_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.

