ATP6V1C2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ATP6V1C2, Polyclonal Antibody
Full Product Name	ATP6V1C2 (V-type Proton ATPase Subunit C 2, V-ATPase Subunit C 2, Vacuolar Proton Pump Subunit C 2) (MaxLight 650)
Product Gene Name	anti-ATP6V1C2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ATP6V1C2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human ATP6V1C2, aa1-381 (AAH12142.1).
Immunogen Sequence	MSEFWLISAPGDKENLQALERMNTVTSKSNLSYNTKFAIPDFKVGTLDSLVGLSDELGKLDTFAESLIRRMAQSVVEVMEDSKGKVQEHLLANGVDLTSFV
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-ATP6V1C2 antibody	Antibodies; Enzymes; ATPase
Applications Tested/Suitable for anti-ATP6V1C2 antibody	Western Blot (WB)
Application Notes for anti-ATP6V1C2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ATP6V1C2 antibody	Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit C is necessary for the assembly of the catalytic sector of the enzyme and is likely to
Other Notes	Small volumes of anti-ATP6V1C2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If ne

Searchable Terms for ATP6V1C2 purchase	MBS6370779 is an antibody targeting ATP6V1C2. Also known as ATP6V1C2 (V-type Proton ATPase Subunit C 2, V-ATPase Subunit C 2, Vacuolar Pr

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATP6V1C2. It may not necessarily be applicable to this product.

NCBI GI #	15082450
NCBI GeneID	245973
NCBI Accession #	BC012142.1
NCBI Related Accession #	AAH12142.1
UniProt Related Accession #	Q8NEY4
NCBI Official Full Name	Homo sapiens ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C2, mRNA
NCBI Official Synonym Full Names	ATPase H+ transporting V1 subunit C2
NCBI Official Symbol	ATP6V1C2
NCBI Official Synonym Symbols	VMA5; ATP6C2
Protein Family	V-type proton ATPase
NCBI Protein Information	V-type proton ATPase subunit C 2
NCBI Summary for ATP6V1C2	This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle 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,three B, and two G subunits, as well as a C, D, E, F, and H subunit. The V1 domain contains the ATP catalytic site. This gene encodes alternate transcriptional splice variants, encoding different V1 domain C subunit isoforms. [provided by RefSeq, Jul 2008]
Research Articles on ATP6V1C2	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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