

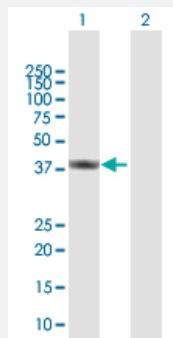
MaxPab®

ATP6V1C2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00245973-D01

Size 100 uL

Applications

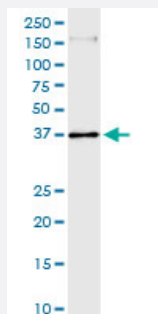


Western Blot (Transfected lysate)

Western Blot analysis of ATP6V1C2 expression in transfected 293T cell line ([H00245973-T01](#)) by ATP6V1C2 MaxPab polyclonal antibody.

Lane 1: ATP6V1C2 transfected lysate(43.9 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ATP6V1C2 transfected lysate using anti-ATP6V1C2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ATP6V1C2 purified MaxPab mouse polyclonal antibody (B01P) ([H00245973-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ATP6V1C2 protein.

Immunogen

ATP6V1C2 (AAH12142.1, 1 a.a. ~ 381 a.a) full-length human protein.

Sequence

MSEFWLISAPGDKENLQALERMNTVTSKSNLSYNTKFAIPDFKVGTLDSLVLGLSDELGKLDTFAE
SLIRRMAQSVEVMEDSKGKVQEHLANGVDLTSFVTHFEWDMAKYPVKQPLVSVVDIAKQLA
QIEMDLKSRTAAYDTLKTNLNLEKKSMGNLFTRTLSDIVSKEDFVLDSEYLVTLVIVPKPNYSQW
QKTYESLSDMVVPRSTKLITDEKGGFLFTVTLFRKVIEDFKTKAKENKFTVREFYYDEKEIEREREE
MARLLSDKKQYGPLLRWLKVNFSEAFIAWIIKALRVFVESVLRVGLPVNFGAVLLQPHKKSSTK
RLREVLNSVFRHLDEVAATSILDASVEIPGLQLNNQDYFPYVYFHIDLSLLD

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (83)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — ATP6V1C2

Entrez GeneID	245973
GeneBank Accession#	BC012142.1
Protein Accession#	AAH12142.1
Gene Name	ATP6V1C2
Gene Alias	ATP6C2, VMA5
Gene Description	ATPase, H ⁺ transporting, lysosomal 42kDa, V1 subunit C2
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

ATPase, H⁺ transporting, lysosomal 42kD, V1 subunit C|OTTHUMP00000115522|V-ATPase C2 subunit|vacuolar H⁺ ATPase C2

Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)
- [Vibrio cholerae infection](#)

Disease

- [Tobacco Use Disorder](#)