

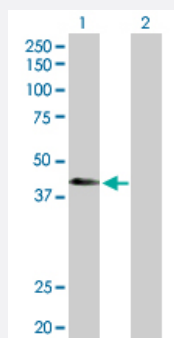
MaxPab®

ATP6V1C2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00245973-D01P

Size 100 ug

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(43.90 KDa).

Lane 2: Non-transfected lysate.

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 SLIRMAQSVVEVMEDSKGKVQEHL LANGVDLTSFVTHFEWDMAKYPVKQPLVSVVDIAKQLA QIEMDLKSRTAAYDTLKTNLNLEKKSMGNLFTRTLDVMSKEDFVLDSEYLVTLVMPKPNYSQW QKTYESLSDMVVPRSTKLITDEKGGFLFTVTLFRKVIEDFKTKAKENKFTVREFYYDEKEIEREREE MARLLSDKKQQYGPLLRLWKVNFSEAFIAWIIKALRVFVESVLRYPVNFQAVLLQPHKKSSTK RLREVLNSVFRHLDEVAATSILDASVEIPGLQLNNQDYFPYVYFHIDLSLLD
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (83)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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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](#)