

DNAxPAb

Hard-to-Find
Antibody

ATP6V1C2 DNAxPab

Catalog # H00245973-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ATP6V1C2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSEFWLISAPGDKENLQALERMNTVTSKSNLSYNTKFAIPDFKVGTLDSLVGLSDELGKLDTFAE SLIRMAQSVVEVMEDSKGKVQEHLANGVDLTSFVTHFEWDMAKYPVKQPLVSVVDTIKQLA QIEMDLKSRTAAYDTLKTNLNLEKKSMGNLFTRTLSDVSKEDFVLDSEYLVTLVIVPKPNYSQW QKTYESLSDMVVPRSTKLITEDKEGGLFTVTLFRKVIEDFKTKAKENKFTVREFYYDEKEIEREREE MARLLSDKKQQYGPLLRLWLKVNFEAFIAWIIKALRVFVESVLRVGLPVNFAQAVLLQPHKKSSTK RLREVLNSVFRHLDEVAATSILDASVEIPGLQLNNQDYFPVYFHDLSLLD
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)