

DNAxPAb

Hard-to-Find  
Antibody

# ATP6V0C DNAxPab

Catalog # H00000527-W01P

Size 200 ug

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a partial-length human ATP6V0C DNA using DNAx™ Immune technology.
<b>Technology</b>	<a href="#">DNAx™ Immune</a>
<b>Immunogen</b>	Extracellular membrane domain (ECD) human DNA
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	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 — ATP6V0C

Entrez GeneID	<a href="#">527</a>
GeneBank Accession#	<a href="#">NM_001694.2</a>
Protein Accession#	<a href="#">NP_001685.1</a>
Gene Name	ATP6V0C
Gene Alias	ATP6C, ATP6L, ATPL, VATL, Vma3
Gene Description	ATPase, H <sup>+</sup> transporting, lysosomal 16kDa, V0 subunit c
Omim ID	<a href="#">108745</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 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 encoded protein is part of the V0 domain. This gene had the previous symbols of ATP6C and ATP6L. [provided by RefSeq]</p>
Other Designations	ATPase, H <sup>+</sup> transporting, lysosomal (vacuolar proton pump) 16kD ATPase, H <sup>+</sup> transporting, lysosomal 16kD, V0 subunit c ATPase, H <sup>+</sup> transporting, lysosomal, 16-KD ATPase, H <sup>+</sup> transporting, lysosomal, V0 subunit c H <sup>+</sup> -transporting two-sector ATPase, 16 kDa sub

## Pathway

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

## Disease

- [Attention Deficit Disorder with Hyperactivity](#)

- [Autistic Disorder](#)
- [NARP](#)