

DNAxPAb

Hard-to-Find
Antibody

ATP6V1E1 DNAxPab

Catalog # H00000529-W01P

Size 200 ug

Specification

| | |
|--------------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against a partial-length human ATP6V1E1 DNA using DNAx™ Immune technology. |
| Technology | DNAx™ Immune |
| Immunogen | Extracellular membrane domain (ECD) human DNA |
| 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 — ATP6V1E1

| | |
|---------------------|--|
| Entrez GeneID | 529 |
| GeneBank Accession# | NM_001696.3 |
| Protein Accession# | NP_001687.1 |
| Gene Name | ATP6V1E1 |
| Gene Alias | ATP6E, ATP6E2, ATP6V1E, P31, Vma4 |
| Gene Description | ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E1 |
| Omim ID | 108746 |
| Gene Ontology | Hyperlink |
| 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, 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 E subunit isoforms. Pseudogenes for this gene have been found in the genome. [provided by RefSeq]</p> |
| Other Designations | ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump) 31kD H(+)-transporting two-sector ATPase, 31kDa subunit H+-transporting ATP synthase chain E, vacuolar V-ATPase, subunit E vacuolar H ⁺ ATPase E1 |

Pathway

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