

DNAxPAb

Hard-to-Find
Antibody

ATP6AP1 DNAxPab

Catalog # H00000537-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ATP6AP1 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 — ATP6AP1

Entrez GeneID	537
GeneBank Accession#	NM_001183.4
Protein Accession#	NP_001174.2
Gene Name	ATP6AP1
Gene Alias	16A, ATP6IP1, ATP6S1, Ac45, CF2, MGC129781, VATPS1, XAP-3, XAP3
Gene Description	ATPase, H ⁺ transporting, lysosomal accessory protein 1
Omim ID	300197
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of a multisubunit enzyme (1 mDa MW) that mediates acidification of eukaryotic intracellular organelles. Vacuolar ATPase (V-ATPase) is comprised of a cytosolic V1 (site of the ATP catalytic site) and a transmembrane V0 domain. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. The encoded protein of this gene is approximately 45 kD and may assist in the V-ATPase-mediated acidification of neuroendocrine secretory granules. [provided by RefSeq]
Other Designations	ATPase, H ⁺ transporting, lysosomal (vacuolar proton pump), subunit 1 ATPase, H ⁺ transporting, lysosomal interacting protein 1 H-ATPase subunit OTTHUMP00000032115 V-ATPase S1 accessory protein

Pathway

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

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)