DNAxPAb | Hard-to-Find Antibody

ATP6V1B2 DNAxPab

Catalog # H00000526-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ATP6V1B2 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 — ATP6V1B2

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Entrez GeneID	526
GeneBank Accession#	BC003100
Protein Accession#	AAH03100
Gene Name	ATP6V1B2
Gene Alias	ATP6B1B2, ATP6B2, HO57, VATB, VPP3, Vma2
Gene Description	ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B2
Omim ID	606939
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. The protein encoded by this gene is one of two V1 domain B subunit isoforms and is the only B isoform highly expressed in osteoclasts. [provided by RefSeq
Other Designations	ATPase, H+ transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD, isoform 2|ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B, isoform 2|H+ transporting two-sector ATPase|V-ATPase B2 subunit|endomembrane proton pump 58 kDa subu

Pathway

- Epithelial cell signaling in Helicobacter pylori infection
- Metabolic pathways
- Oxidative phosphorylation
- Vibrio cholerae infection

Disease

- Tobacco Use Disorder

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