

DNAxPAb

Hard-to-Find
Antibody

TCIRG1 DNAxPab

Catalog # H00010312-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human TCIRG1 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 — TCIRG1

Entrez GeneID	10312
GeneBank Accession#	NM_006053.2
Protein Accession#	NP_006044.1
Gene Name	TCIRG1
Gene Alias	ATP6N1C, ATP6V0A3, Atp6i, OC-116kDa, OC116, OPTB1, Stv1, TIRC7, Vph1, a3
Gene Description	T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 subunit A3
Omim ID	259700 604592
Gene Ontology	Hyperlink
Gene Summary	Through alternate splicing, this gene encodes two proteins with similarity to subunits of the vacuolar ATPase (V-ATPase) but the encoded proteins seem to have different functions. V-ATPase is 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, and receptor-mediated endocytosis. V-ATPase is comprised of a cytosolic V1 domain and a transmembrane V0 domain. Mutations in this gene are associated with infantile malignant osteopetrosis. [provided by RefSeq]
Other Designations	ATPase, H+ transporting, 116kD T cell immune response cDNA7 protein T-cell immune regulator 1 T-cell, immune regulator 1 T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 protein A3 T-cell, immune regulator 1, ATPase, H+ transporting, lyso

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Osteopetrosis](#)
- [Osteoporosis](#)