

TCIRG1 polyclonal antibody (A01)

Catalog # H00010312-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TCIRG1.
Immunogen	TCIRG1 (AAH18133, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag.
Sequence	QLHQLQLHAAVLRQGHEPQLAAAHTDGASERTPLLQAPGGPHQDLRVNFVAGAVEPHKAPALE RLLWRACRGFLIASFRELEQPLEHPVTGEPATWMTFL
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — TCIRG1

Entrez GeneID	10312
GeneBank Accession#	BC018133
Protein Accession#	AAH18133
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](#)