

Rabbit TCIRG1 Polyclonal Antibody | anti-TCIRG1 antibody

TCIRG1 Polyclonal Antibody

CATALOG # AAA311238	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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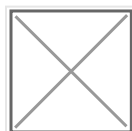
PRODUCT SYNONYMS

TCIRG1; Polyclonal Antibody; TCIRG1 Polyclonal Antibody; ATP6N1C; ATP6V0A3; Atp6i; OC-116kDa; OC116; OPTB1; Stv1; TIRC7; Vph1; a3; V-type proton ATPase 116 kDa subunit a isoform 3; anti-TCIRG1 antibody

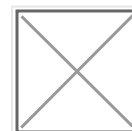
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-TCIRG1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human TCIRG1 (NP_006010.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

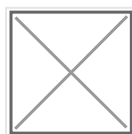
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using TCIRG1 Polyclonal Antibody.


IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using TCIRG1 Polyclonal Antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TCIRG1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TCIRG1 antibody

This gene encodes a subunit of a large protein complex known as a vacuolar H⁺-ATPase (V-ATPase). The protein complex acts as a pump to move protons across the membrane. This movement of protons helps regulate the pH of cells and their surrounding environment. 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. Alternative splicing results in multiple transcript variants. Mutations in this gene are associated with infantile malignant osteopetrosis.

Product Categories/Family for anti-TCIRG1 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19924145
NCBI GeneID	10312
NCBI Accession #	NP_006010.2
NCBI GenBank Nucleotide #	NM_006019.3
UniProt Accession #	Q13488; O75877; Q8WVC5
Molecular Weight	68,776 Da
NCBI Official Full Name	V-type proton ATPase 116 kDa subunit a isoform 3 isoform a
NCBI Official Synonym Full Names	T-cell immune regulator 1, ATPase H+ transporting V0 subunit a3
NCBI Official Symbol	TCIRG1
NCBI Official Synonym Symbols	a3; Stv1; Vph1; Atp6i; OC116; OPTB1; TIRC7; ATP6N1C; ATP6V0A3; OC-116kDa
NCBI Protein Information	V-type proton ATPase 116 kDa subunit a isoform 3
UniProt Protein Name	V-type proton ATPase 116 kDa subunit a isoform 3
UniProt Gene Name	TCIRG1
UniProt Synonym Gene Names	ATP6N1C; ATP6V0A3; V-ATPase 116 kDa isoform a3; OC-116 kDa; OC116; TIRC7
UniProt Entry Name	VPP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.