

Rabbit anti-Mouse, Human TIRC7/TCIRG1 Polyclonal Antibody | anti-TCIRG1 antibody

TIRC7/TCIRG1 Rabbit anti-Human Polyclonal (C-Terminus) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA163344	Rabbit	Mouse, Human	Western Blot, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay

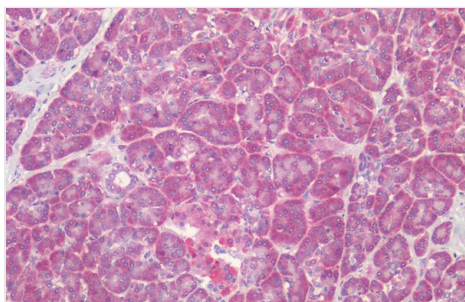
PRODUCT SYNONYMS

TIRC7/TCIRG1; Polyclonal Antibody; TIRC7/TCIRG1 Rabbit anti-Human Polyclonal (C-Terminus) Antibody; IHC-plus TIRC7/TCIRG1 Antibody (C-Terminus); TCIRG1; A3; ATP6N1C; ATP6V0A3; ATP6N1D; Atp6i; OPTB1; OC-116; STV1; T-cell immune response cDNA 7; V- ATPase 116-kDa isoform a3; V-ATPase 116 kDa isoform a3; TIRC7; OC-116kDa; OC116; T-cell immune regulator 1; ATPase; H⁺ transporting; 116kD; V-ATPase 116-kDa; OC-116 kDa; T-cell; immune regulator 1; VPH1; anti-TCIRG1 antibody

PRODUCT SPECIFICATIONS

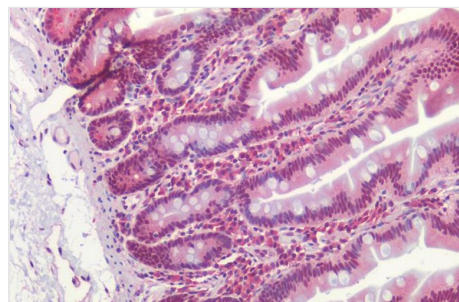
Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
Isotype	Ig
Purity/Purification	Protein A and Peptide Affinity Chromatography
Form/Format	PBS, 0.09% Sodium Azide
Applicable Applications for anti-TCIRG1 antibody	WB (Western Blot), ELISA (Peptide ELISA), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Target	Human TIRC7/TCIRG1
Immunogen	This TCIRG1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 668-702 amino acids from the human region of human TCIRG1.
Conjugation	Unconjugated
Epitope	C-Terminus
Family	Transporter
Subfamily	ATPase-V type
Preparation and Storage	Short Term: Store at 2-8 degree C for up to 2 weeks. Long Term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



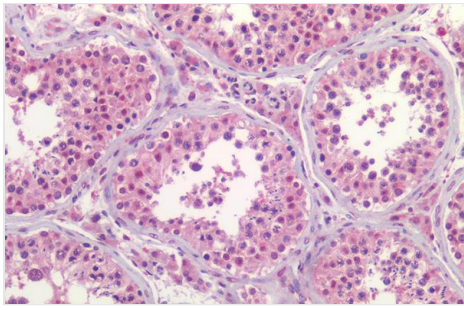
IHC (Immunohistochemistry)

TIRC7/TCIRG1 Antibody-Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)

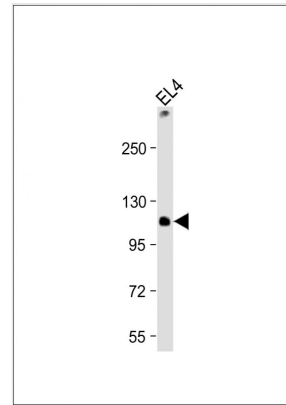


IHC (Immunohistochemistry)

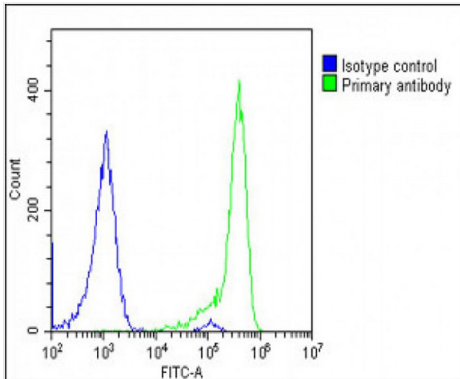
TIRC7/TCIRG1 Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
TIRC7/TCIRG1 Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
TIRC7/TCIRG1 Antibody-Anti-TCIRG1 Antibody (C-Term) at 1:2000 dilution + EL4 whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 93 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



FCM/FACS (Flow Cytometry)
TIRC7/TCIRG1 Antibody-Overlay histogram showing U-2 OS cells stained with TCIRG1 Antibody (C-Term)(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (TCIRG1 Antibody (C-Term), 1:25 dilution) for 60 min at 37 degree C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed (OE188374) at 1/200 dilution for 40 min at 37 degree C. Isotype control antibody (blue line) was rabbit IgG1 (1ug/1x10⁶ cells) used under the same conditions. Acquisition of >10, 000 events was performed.

ADDITIONAL INFORMATION

Related Product Information for anti-TCIRG1 antibody

TCIRG1 antibody is an unconjugated rabbit polyclonal antibody to TCIRG1 (TIRC7)(C-Terminus) from human. It is reactive with human and mouse. Validated for Flow, IHC, Peptide-ELISA and WB. Tested on 20 paraffin-embedded human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924145
NCBI GeneID	10312
NCBI Accession #	NP_006010.2
NCBI GenBank Nucleotide #	NM_006019
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tirc7-tcirg1-antibody-western-blot-peptide-elisa-immunohistochemistry-flow-cytometry-elisa/163344>