

Rabbit anti-Human TCIRG1 Polyclonal Antibody | anti-TCIRG1 antibody

TCIRG1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234994	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

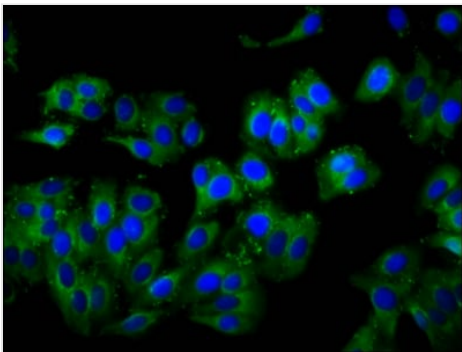
PRODUCT SYNONYMS

TCIRG1; Polyclonal Antibody; TCIRG1 Antibody; V-type proton ATPase 116 kDa subunit a isoform 3; V-ATPase 116 kDa isoform a3; Osteoclastic proton pump 116 kDa subunit; OC-116 kDa; OC116; T-cell immune regulator 1; T-cell immune response cDNA7 protein; TIRC7; Vacuolar proton translocating ATPase 116 kDa subunit a isoform 3; ATP6N1C; ATP6V0A3; anti-TCIRG1 antibody

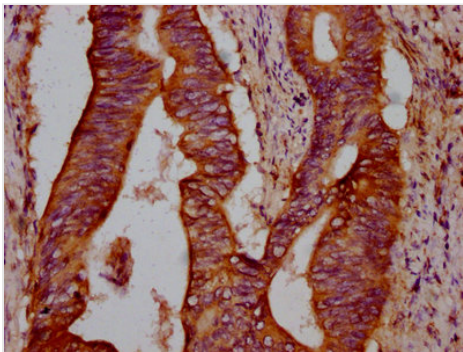
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	830
Applicable Applications for anti-TCIRG1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human V-type proton ATPase 116 kDa subunit a isoform 3 protein (76-182AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	TCIRG1
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

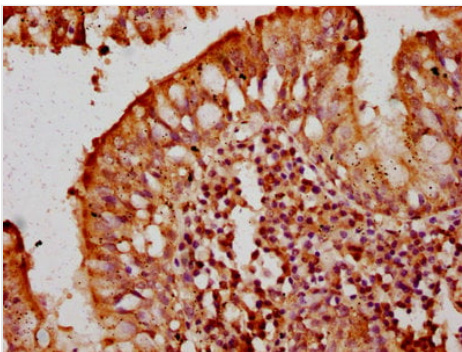
IMAGES



IHC (Immunohistochemisry)
Immunofluorescence staining of HepG2 cells with AAA234994 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohiostchemistry)
IHC image of AAA234994 diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)
IHC image of AAA234994 diluted at 1:300 and staining in paraffin-embedded human lung tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-TCIRG1 antibody	Part of the proton channel of V-ATPases (By similarity). Seems to be directly involved in T-cell activation.
Product Categories/Family for anti-TCIRG1 antibody	Metabolism; Signal Transduction

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
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; V-type proton ATPase 116 kDa subunit a
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

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/tcirg1-antibody-immunofluorescence-immunohistochemistry-elisa/234994>