Datasheet for ABIN7175220

anti-TCIRG1 antibody (Isoform 3)

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3 Images

Overview

Quantity:	100 µg
Target:	TCIRG1
Binding Specificity:	AA 76-182, Isoform 3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCIRG1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human V-type proton ATPase 116 kDa subunit a isoform 3 protein (76-182AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TCIRG1
Alternative Name:	TCIRG1 (TCIRG1 Products)
Background:	Background: Part of the proton channel of V-ATPases (By similarity). Seems to be directly involved in T-cell activation.

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Target Details

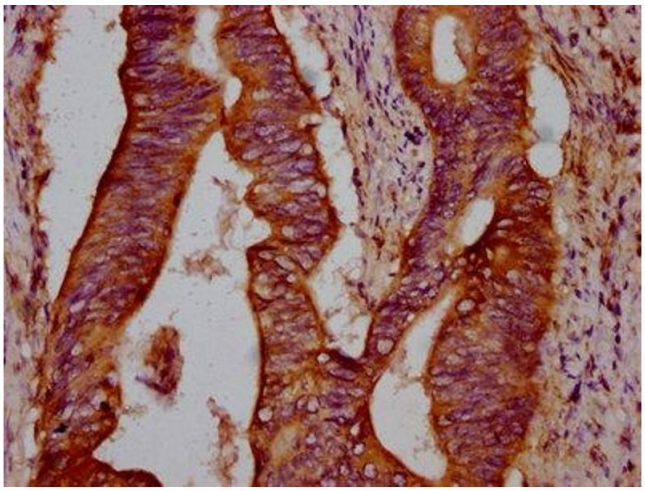
	Aliases: a3 antibody, Atp 6i antibody, Atp6i antibody, ATP6N1C antibody, ATP6V0A3 antibody, ATPase H+ transporting 116kD antibody, OC 116 antibody, OC 116 kDa antibody, OC 116 kDa antibody, OC-116 kDa antibody, OC116 antibody, OPTB 1 antibody, OPTB1 antibody, Osteoclastic proton pump 116 kDa subunit antibody, Specific 116 kDa vacuolar proton pump subunit antibody, Stv 1 antibody, Stv1 antibody, T cell immune regulator 1 antibody, T cell immune regulator 1 ATPase H+ transporting lysosomal V0 subunit A antibody, T cell immune regulator 1 ATPase H+ transporting lysosomal V0 subunit A3 antibody, T cell immune response cDNA 7 antibody, T cell immune response cDNA7 protein antibody, T cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 protein a antibody, T-cell immune regulator 1 antibody, T-cell immune response cDNA7 protein antibody, TCIRG 1 antibody, TCIRG1 antibody, TIRC 7 antibody, TIRC7 antibody, V ATPase 116 kDa antibody, V ATPase 116 kDa isoform a3 antibody, V type proton ATPase 116 kDa subunit a antibody, V-ATPase 116 kDa isoform a3 antibody, V-type proton ATPase 116 kDa subunit a isoform 3 antibody, Vacuolar proton translocating ATPase 116 kDa subunit A antibody, Vacuolar proton translocating ATPase 116 kDa subunit a isoform 3 antibody, Vph 1 antibody, Vph1 antibody, VPP3_HUMAN antibody
UniProt:	Q13488
Pathways:	Transition Metal Ion Homeostasis, Proton Transport

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only

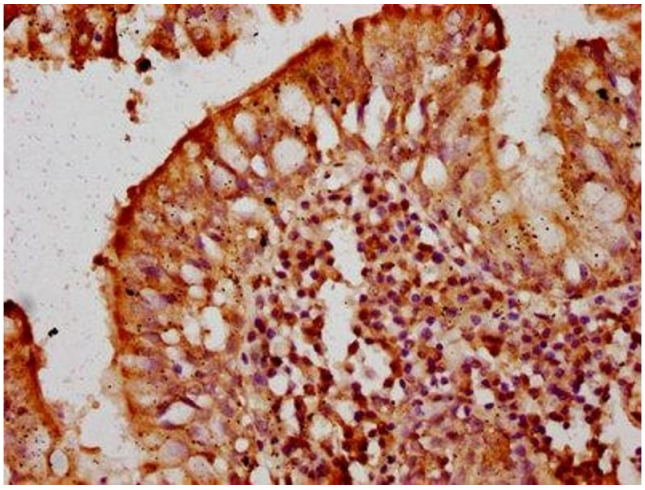
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



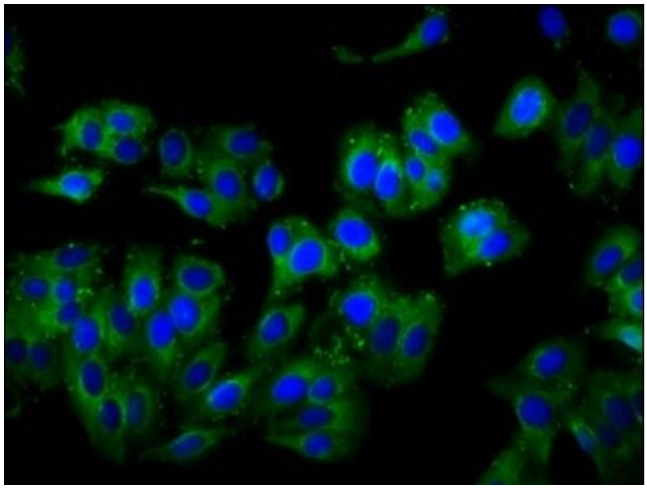
Immunohistochemistry

Image 1. IHC image of ABIN7175220 diluted at 1:300 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry

Image 2. IHC image of ABIN7175220 diluted at 1:300 and staining in paraffin-embedded human lung tissue performed on a Leica BondTM 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 3. Immunofluorescence staining of HepG2 cells with ABIN7175220 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°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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