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anti-ATP6V1E2 antibody (AA 1-226)





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Quantity:	100 μg
Target:	ATP6V1E2
Binding Specificity:	AA 1-226
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1E2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human V-type proton ATPase subunit E 2 protein (1-226AA)		
Isotype:	IgG		
Cross-Reactivity:	Human		
Purification:	>95%, Protein G purified		

Target Details

Target:	ATP6V1E2
Alternative Name:	ATP6V1E2 (ATP6V1E2 Products)
Background:	Background: Subunit of the peripheral V1 complex of vacuolar ATPase essential for assembly
	or catalytic function. V-ATPase is responsible for acidifying a variety of intracellular

Target Details

compartments in eukaryotic cells. This isoform is essential for energy coupling involved in acidification of acrosome (By similarity).

Aliases: ATP6V1E2 antibody, ATPase, H+ transporting, lysosomal 31 kDa, V1 subunit E2 antibody, V-ATPase subunit E 2 antibody, V-type proton ATPase subunit e 2 antibody, Vacuolar proton pump subunit e 2 antibody, vacuolar type proton-translocating ATPase subunit E1 antibody, VATE2_HUMAN antibody

UniProt: Q96A05

Pathways: Transition Metal Ion Homeostasis, Proton Transport

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Storage:

Format:

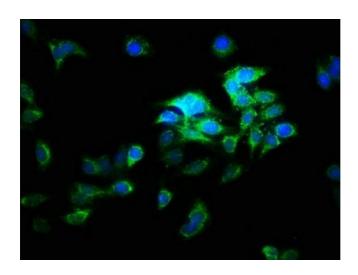
Buffer:
Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative:
ProClin

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

-20 °C,-80 °C



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7175254 at 1:166, 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).