ATP6V1G1 Antibody

PACO24779

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200

Protein Background:

This protein is a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acid, fication of eukaryotic intracellular organelles. V-ATPase dependent organelle acid, fication is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation.

Gene ID:

ATP6V1G1

Uniprot

O75348

Synonyms:

V-type proton ATPase subunit G 1 (V-ATPase subunit G 1) (V-ATPase 13 kDa subunit 1) (Vacuolar proton pump subunit G 1) (Vacuolar proton pump subunit M16), ATP6V1G1, ATP6G ATP6G1 ATP6J

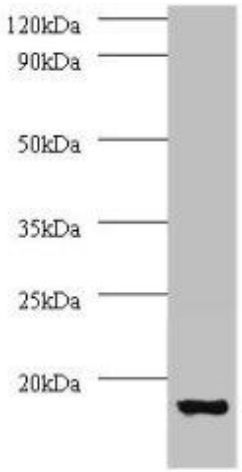
Immunogen:

Recombinant Human V-type proton ATPase subunit G 1 protein (2-118AA).

Storage:

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

Product Images



Western blot
All lanes: V-type proton ATPase subunit G 1 antibody at 2µg/ml + 293T whole cell lysate
Secondary
Goat polyclonal to rabbit IgG at 1/15000 dilution
Predicted band size: 13 kDa
Observed band size: 13 kDa
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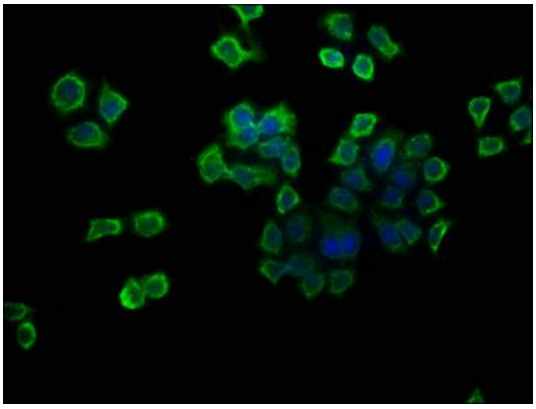
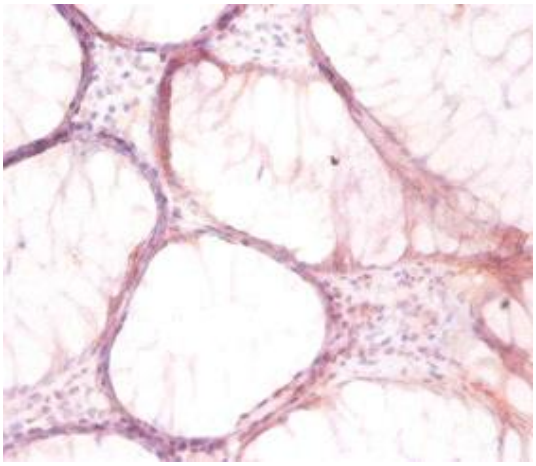


Immunofluorescence staining of PC-3 cells with PACO24779 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry of paraffin-embedded human colon cancer using PACO24779 at dilution of 1:50.