V-type proton ATPase subunit G 1 Polyclonal Antibody

Catalog No: #42060

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Description

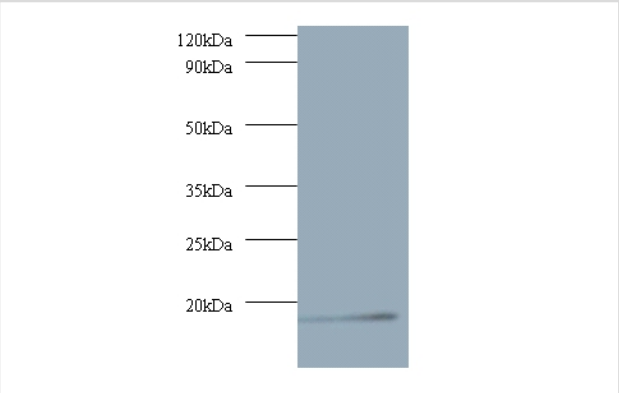
Product Name	V-type proton ATPase subunit G 1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total V-type proton ATPase subunit G 1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human V-type proton ATPase subunit G 1 protein
Target Name	V-type proton ATPase subunit G 1
Other Names	V-ATPase 13 kDa subunit 1; Vacuolar proton pump subunit G 1; Vacuolar proton pump subunit M16
Accession No.	Swiss-Prot#: O75348
Uniprot	O75348
GeneID	9550;
Calculated MW	13kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

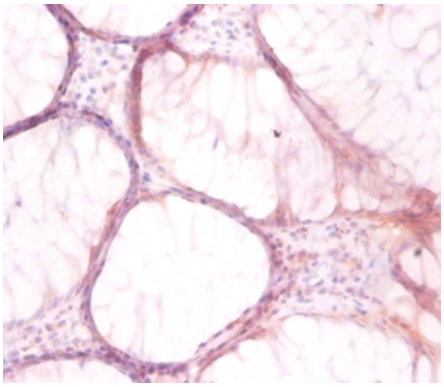
Western blotting: 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images



All lanes:V-type proton ATPase subunit G 1 antibody at 2ug/ml+ 293T whole cell lysate at 20ug
Secondary
Goat polyclonal to Rabbit IgG at 1/15000 dilution
Predicted band size : 13 kDa
Observed band size: 13kDa



Immunohistochemical analysis of paraffin-embeded colorectal carcinoma using #42060 at dilution of 1:50.

Background

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

References

[1]"Identification of genes expressed in human CD34(+) hematopoietic stem/progenitor cells by expressed sequence tags and efficient full-length cDNA cloning."Mao M., Fu G., Wu J.-S., Zhang Q.-H., Zhou J., Kan L.-X., Huang Q.-H., He K.-L., Gu

Note: This product is for in vitro research use only