

ATP6V0A2 antibody

Catalog No: #22666



Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
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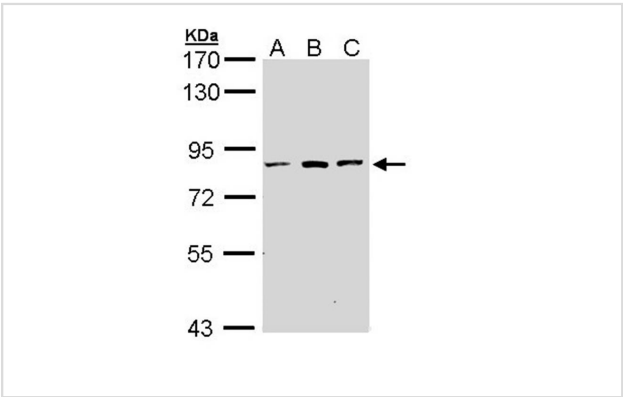
Description

Product Name	ATP6V0A2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 156 and 404 of ATP6V0A2
Target Name	ATP6V0A2
Accession No.	Swiss-Prot:Q9Y487Gene ID:23545
Uniprot	Q9Y487
GeneID	23545;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

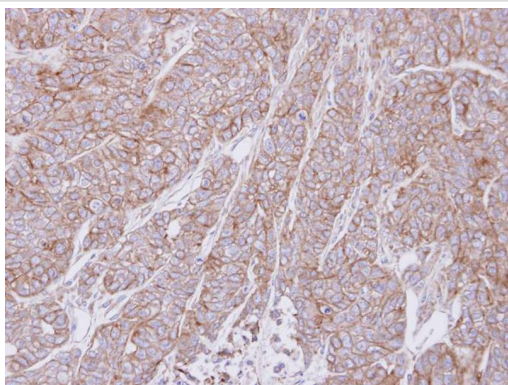
Application Details

Predicted MW: 98kd
Western blotting: 1:500-1:3000
Immunohistochemistry: 1:100-1:500
Immunofluorescence: 1:100-1:200

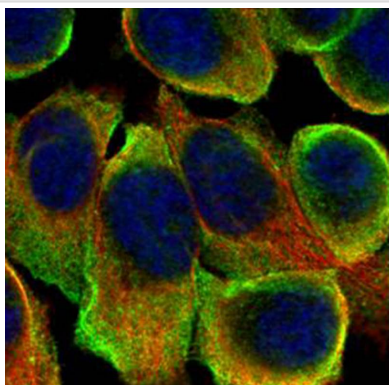
Images



Sample (30 ug of whole cell lysate)  
A: 293T  
B: A431  
C: H1299  
7.5% SDS PAGE  
Primary antibody diluted at 1: 10000



Immunohistochemical analysis of paraffin-embedded DLD1 xenograft, using ATP6V0A2 antibody at 1: 500 dilution.



Confocal immunofluorescence analysis (Olympus FV10i) of methanol-fixed A431, using ATP6V0A2 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 500.

## Background

The multisubunit vacuolar-type proton pump (H<sup>+</sup>)-ATPase or V-ATPase) is essential for acidification of diverse cellular components, including endosomes, lysosomes, clathrin-coated vesicles, secretory vesicles, and chromaffin granules, and it is found at high density in the plasma membrane of certain specialized cells. H<sup>+</sup>-ATPases are comprised of a peripheral V(1) domain and an integral membrane V(0) domain; ATP6V0A2 is a component of the V(0) domain (Smith et al., 2003 [PubMed 14580332]).[supplied by OMIM]

Note: This product is for in vitro research use only