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Datasheet for ABIN7450014  
**anti-ATP6V1A antibody (AA 567-617)**

### Overview

Quantity:	100 µg
Target:	ATP6V1A
Binding Specificity:	AA 567-617
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-ATP6V1A Antibody, Affinity Purified
Immunogen:	Between AA 567 and 617
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

### Target Details

Target:	ATP6V1A
Alternative Name:	ATP6V1A ( <a href="#">ATP6V1A Products</a> )
Background:	Background: The gene ATP6V1A encodes a component of vacuolar ATPase (V-ATPase), a

## Target Details

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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. The component, V-type proton ATPase catalytic subunit A, is one of two V1 domain A subunit isoforms and is found in all tissues [taken from NCBI Entrez Gene (Gene ID: 523)].

Gene ID: 523

UniProt: [P38606](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Proton Transport](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: IP: 2 - 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

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Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months