

Datasheet for ABIN7451198
anti-ATP6V1A antibody (AA 450-500)



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Overview

Quantity:	100 µg
Target:	ATP6V1A
Binding Specificity:	AA 450-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1A antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-ATP6V1A Antibody, Affinity Purified
Immunogen:	Between AA 450 and 500
Isotype:	IgG
Predicted Reactivity:	Mouse,Chicken,Bovine,Pig,Orangutan
Purification:	Affinity Purified

Target Details

Target:	ATP6V1A
Alternative Name:	ATP6V1A (ATP6V1A Products)
Background:	Background: The gene ATP6V1A encodes a component of vacuolar ATPase (V-ATPase), a

Target Details

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

Application Notes: IP: 2 - 10 µg/mg lysate
WB: Not recommended. Use rabbit anti-ATP6V1A antibody ABIN7450014.

Restrictions: For Research Use only

Handling

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