

Datasheet for ABIN635431
anti-ATP6V0A1 antibody (N-Term)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ATP6V0A1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ATP6 V6 1 antibody was raised using the N terminal of ATP6 6 1 corresponding to a region with amino acids RDLNPDVNVFQRKVFVNEVRRCEEMDRKLRFVEKEIRKANIPIMDTGENPE
Specificity:	ATP6 V6 1 antibody was raised against the N terminal of ATP6 6 1
Purification:	Affinity purified

Target Details

Target:	ATP6V0A1
Alternative Name:	ATP6V0A1 (ATP6V0A1 Products)
Background:	ATP6V0A1 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

Target Details

activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. ATP6V0A1 is one of three A subunit proteins and it is associated with clathrin-coated vesicles.

Molecular Weight: 96 kDa (MW of target protein)

Pathways: [Transition Metal Ion Homeostasis, Proton Transport](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: ATP6V0A1 Blocking Peptide, catalog no. 33R-7853, is also available for use as a blocking control in assays to test for specificity of this ATP6V0A1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ATP0 0 1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.