

Datasheet for ABIN631307
anti-ATP6V1C1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ATP6V1C1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1C1 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 MILLEVNNRIIEETLALKFENAAAGNKPEAVEVTFADFDGVLYHISNPNG
Specificity:	ATP6 V6 1 antibody was raised against the N terminal of ATP6 6 1
Purification:	Affinity purified

Target Details

Target:	ATP6V1C1
Alternative Name:	ATP6V1C1 (ATP6V1C1 Products)
Background:	ATP6V1C1 is a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of intracellular compartments of eukaryotic cells. V-ATPase dependent acidification is necessary for such intracellular processes as protein sorting, zymogen

Target Details

activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation.

Molecular Weight: 42 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: ATP6V1C1 Blocking Peptide, catalog no. 33R-6113, is also available for use as a blocking control in assays to test for specificity of this ATP6V1C1 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.



Western Blotting

Image 1. ATP6V1C1 antibody used at 1 ug/ml to detect target protein.