Datasheet for ABIN630926

anti-ATP6V0D2 antibody (Middle Region)

1 Image

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Overview

Quantity:	100 µL
Target:	ATP6V0D2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0D2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ATP6 V6 2 antibody was raised using the middle region of ATP6 6 2 corresponding to a region with amino acids GLRLLAQAEDFDQMKNVADHYGVYKPLFEAVGGSGGKTLEDVFYEREVQM
Specificity:	ATP6 V6 2 antibody was raised against the middle region of ATP6 6 2
Purification:	Affinity purified

Target Details

Target:	ATP6V0D2
Alternative Name:	ATP6V0D2 (ATP6V0D2 Products)
Background:	ATP6V0D2 is the subunit of the integral membrane V0 complex of vacuolar ATPase. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system.

Target Details

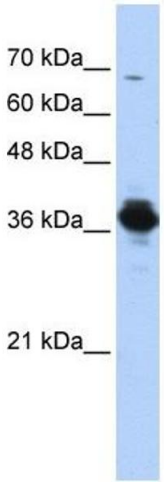
	ATP6V0D2 may play a role in coupling of proton transport and ATP hydrolysis.
Molecular Weight:	40 kDa (MW of target protein)
Pathways:	Transition Metal Ion Homeostasis, Proton Transport

Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	ATP6V0D2 Blocking Peptide, catalog no. 33R-3417, is also available for use as a blocking control in assays to test for specificity of this ATP6V0D2 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ATP0 0 2 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. ATP6V0D2 antibody used at 1 ug/ml to detect target protein.