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Datasheet for ABIN7468014

anti-ATP6V1E2 antibody



Overview

Quantity:	100 μL
Target:	ATP6V1E2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1E2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ATP6V1E2.
	The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ATP6V1E2
Alternative Name:	ATPase H+ transporting V1 subunit E2 (ATP6V1E2 Products)
Background:	Synonyms: ATPase H+ transporting V1 subunit E2, ATP6E1, ATP6EL2, ATP6V1EL2, VMA4
	Background: Subunit of the peripheral V1 complex of vacuolar ATPase essential for assembly
	or catalytic function. V-ATPase is responsible for acidifying a variety of intracellular

Target Details

rarget Details	
	compartments in eukaryotic cells. This isoform is essential for energy coupling involved in
	acidification of acrosome.
Molecular Weight:	26 kDa
Gene ID:	90423
UniProt:	Q96A05
Pathways:	Transition Metal Ion Homeostasis, Proton Transport
Application Details	
Application Notes:	WB: 1:5000-1:20000. Optimal dilutions/concentrations should be determined by the researcher.
	Not tested in other applications.
Comment:	Positive Control: Mouse brain
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.69 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid
	multiple freeze-thaw cycles.