Datasheet for ABIN950567

anti-ATP6V0C antibody (C-Term)

1 Image

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Overview

Quantity:	0.4 mL
Target:	ATP6V0C
Binding Specificity:	AA 107-134, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0C antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 107-134 amino acids from the C-terminal region of human ATP6V0C
Isotype:	Ig Fraction
Specificity:	This antibody reacts to ATP6V0C.
Cross-Reactivity (Details):	Species reactivity (tested):Human and Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	ATP6V0C
Alternative Name:	ATP6V0C (ATP6V0C Products)

Target Details

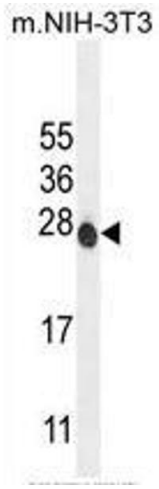
Background:	ATP6V0C is a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated 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. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', c', and d. ATP6V0C encodes the V0 subunit c.Synonyms: ATP6C, ATP6L, ATPL, V-ATPase 16 kDa proteolipid subunit, V-type proton ATPase 16 kDa proteolipid subunit, Vacuolar proton pump 16 kDa proteolipid subunit
Gene ID:	527
NCBI Accession:	NP_001185498
Pathways:	Transition Metal Ion Homeostasis, Proton Transport

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. ATP6V0C Antibody (C-term) western blot analysis in mouse NIH-3T3 cell line lysates (35µg/lane).This demonstrates the ATP6V0C antibody detected the ATP6V0C protein (arrow).