Datasheet for ABIN654427

anti-ATP6V0C antibody (C-Term)

Go to Product page

1 Image

Overview

Quantity:	400 µL
Target:	ATP6V0C
Binding Specificity:	AA 100-126, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ATP6V0C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 100-126 amino acids from the C-terminal region of human ATP6V0C.
Clone:	RB24576
Isotype:	Ig Fraction
Predicted Reactivity:	E, B, D, Rat, Sh
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ATP6V0C
Alternative Name:	ATP6V0C (ATP6V0C Products)

Target Details

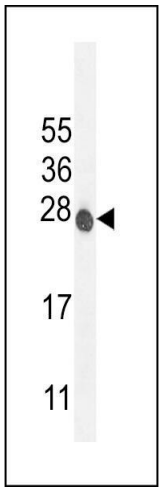
Background:	ATP6V0C is a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated 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.
Molecular Weight:	15736
Gene ID:	527
NCBI Accession:	NP_001185498, NP_001685
UniProt:	P27449
Pathways:	Transition Metal Ion Homeostasis, Proton Transport

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. ATP6V0C Antibody (C-term) (ABIN654427 and ABIN2844163) western blot analysis in mouse NIH-3T3 cell line lysates (35 µg/lane).This demonstrates the ATP6V0C antibody detected the ATP6V0C protein (arrow).