Datasheet for ABIN6290039

anti-ATP6V0A1 antibody

Go to Product page

Overview

Quantity:	50 µL
Target:	ATP6V0A1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human ATP6V0A1
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	ATP6V0A1
Alternative Name:	ATP6V0A1 (ATP6V0A1 Products)
Background:	This gene encodes 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

Target Details

	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. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This gene encodes one of three A subunit proteins and the encoded protein is associated with clathrin-coated vesicles. Three transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	96.413 kDa
Gene ID:	535
UniProt:	Q93050
Pathways:	Transition Metal Ion Homeostasis, Proton Transport

Application Details

Application Notes:	WB 1:200 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20C. Avoid freeze / thaw cycles.