Datasheet for ABIN7450975

anti-ATP6V1H antibody (AA 400-450)

Go to Product page

Overview

Quantity:	100 µg
Target:	ATP6V1H
Binding Specificity:	AA 400-450
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1H antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-ATP6V1H Antibody, Affinity Purified
Immunogen:	Between AA 400 and 450
Isotype:	IgG
Predicted Reactivity:	Bovine,Pig
Purification:	Affinity Purified

Target Details

Target:	ATP6V1H
Alternative Name:	ATP6V1H (ATP6V1H Products)
Background:	Background: V-type proton ATPase subunit H (ATP6V1H) is a subunit of the peripheral V1

Target Details

	complex of vacuolar ATPase. Subunit H activates the ATPase activity of the enzyme and couples ATPase activity to proton flow. 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 (By similarity). ATP6V1H is involved in the endocytosis mediated by clathrin-coated pits, required for the formation of endosomes [taken from the Universal Protein Resource (UniProt) Q9UI12].
Gene ID:	51606
NCBI Accession:	NP_057025
UniProt:	Q9UI12
Pathways:	Transition Metal Ion Homeostasis, Proton Transport

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:500 - 1:2,500
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months