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Datasheet for ABIN7175247

anti-ATP6V1D antibody (AA 1-247) (Biotin)

Overview

Quantity:	100 µL
Target:	ATP6V1D
Binding Specificity:	AA 1-247
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1D antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human V-type proton ATPase subunit D protein (1-247AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATP6V1D
Alternative Name:	ATP6V1D (ATP6V1D Products)
Background:	Background: Subunit of the peripheral V1 complex of vacuolar ATPase. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus

Target Details

providing most of the energy required for transport processes in the vacuolar system (By similarity). May play a role in cilium biogenesis through regulation of the transport and the localization of proteins to the cilium.

Aliases: ATP6V1D antibody, ATP6M antibody, VATD antibody, V-type proton ATPase subunit D antibody, V-ATPase subunit D antibody, V-ATPase 28 kDa accessory protein antibody, Vacuolar proton pump subunit D antibody

UniProt: [Q9Y5K8](#)

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

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.