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Datasheet for ABIN7111858
anti-ATP6V0D1 antibody

Overview

Quantity:	100 µg
Target:	ATP6V0D1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V0D1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ATP6V0D1
Alternative Name:	ATP6V0D1 (ATP6V0D1 Products)
Background:	Synonyms:ATP6D, VPATPD Background:Subunit of the integral membrane V0 complex of vacuolar ATPase. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport

Target Details

processes in the vacuolar system. May play a role in coupling of proton transport and ATP hydrolysis(By similarity). May play a role in cilium biogenesis through regulation of the transport and the localization of proteins to the cilium(By similarity).

Molecular Weight: 41 kDa

Gene ID: 9114

UniProt: [P61421](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Proton Transport](#), [ER-Nucleus Signaling](#), [Unfolded Protein Response](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months