

Datasheet for ABIN7468012 **anti-ATP2C1 antibody**



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Overview

Quantity:	100 µL
Target:	ATP2C1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP2C1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ATP2C1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ATP2C1
Alternative Name:	ATPase secretory pathway Ca ²⁺ transporting 1 (ATP2C1 Products)
Background:	Synonyms: ATPase secretory pathway Ca ²⁺ transporting 1 , ATP2C1A , BCPM , HHD , PMR1 , SPCA1 , hSPCA1 Background: The protein encoded by this gene belongs to the family of P-type cation transport

Target Details

ATPases. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of the calcium. Defects in this gene cause Hailey-Hailey disease, an autosomal dominant disorder. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Molecular Weight: 101 kDa

Gene ID: 27032

UniProt: [P98194](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: HeLa

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.89 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.