

## Anti-ATP2C1 Antibody

Catalog Number: A03143-2

### About ATP2C1

ATP2C1, also known as hSPCA1, belongs to the family of P-type cation transport ATPases. ATP2C1 is a Golgi-localized ATPase that mediates Golgi uptake of cytosolic Ca(2+) and Mg(2+) and has a role in regulating Ca(2+) and Mn(2+) cellular content (PMID: 11741891). ATP2C1 is found in most tissues except colon, thymus, spleen, and leukocytes. It is expressed in keratinocytes (PMID: 15831496, 14632183). Defects in ATP2C1 cause Hailey-Hailey disease (HHD)(PMID: 10615129, 28035777).

### Overview

Product Name	Anti-ATP2C1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ATP2C1 Antibody catalog # A03143-2. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P98194

### Technical Details

Immunogen	E.coli-derived human ATP2C1 recombinant protein (Position: V322-L652).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ImmunoPrecipitation, 1:250-300

ELISA, 1:100-1000

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### Anti-ATP2C1 Antibody

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