

Product datasheet for **TA335279**

ATP2C1 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-ATP2C1 antibody: synthetic peptide directed towards the C terminal of human ATP2C1. Synthetic peptide located within the following region: TKSVFEIGLCSNRMFCYAVLG SIMGQLLVYFPPLQKVFQTESLSILGLA |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 98 kDa |
| Gene Name: | ATPase secretory pathway Ca ²⁺ transporting 1 |
| Database Link: | NP_001001485 Entrez Gene 27032 Human P98194 |



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Background:

ATP2C1 belongs to the family of P-type cation transport 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. The protein encoded by this gene belongs to the family of P-type cation transport 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.

Synonyms:

ATP2C1A; BCPM; HHD; hSPCA1; PMR1; SPCA1

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

Protein Families:

Druggable Genome, Transmembrane

Product images:

WB Suggested Anti-ATP2C1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive Control: 721_B cell lysate. ATP2C1 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells