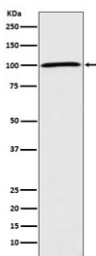


## ATP1A1 Antibody / Sodium Potassium ATPase [clone AID-1] (RQ5096)

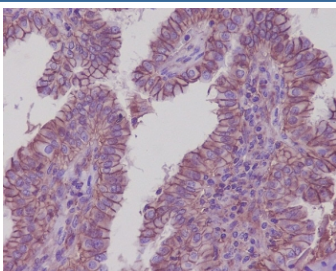
| Catalog No. | Formulation  | Size   |
|-------------|--|--------|
| RQ5096      | Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA | 100 ul |

[Bulk quote request](#)

|                           |   |
|---------------------------|---|
| <b>Availability</b>       | 1-2 weeks   |
| <b>Species Reactivity</b> | Human   |
| <b>Format</b>             | Purified  |
| <b>Host</b>               | Rabbit  |
| <b>Clonality</b>          | Rabbit Monoclonal   |
| <b>Isotype</b>            | Rabbit IgG  |
| <b>Clone Name</b>         | AID-1   |
| <b>Purity</b>             | Affinity purified   |
| <b>UniProt</b>            | P05023  |
| <b>Applications</b>       | Western Blot : 1:500-1:2000<br>Immunohistochemistry (FFPE) : 1:50-1:200 |
| <b>Limitations</b>        | This ATP1A1 antibody is available for research use only.                |



Western blot testing of human HeLa cell lysate with ATP1A1 antibody. Predicted molecular weight ~113 kDa.



IHC staining of FFPE human thyroid carcinoma with ATP1A1 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

## Description

The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the subfamily of Na<sup>+</sup>/K<sup>+</sup> -ATPases. Na<sup>+</sup>/K<sup>+</sup> -ATPase is an integral membrane protein responsible for establishing and maintaining the electrochemical gradients of Na and K ions across the plasma membrane. [RefSeq]

## Application Notes

Optimal dilution of the ATP1A1 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human Sodium Potassium ATPase / ATP1A1 was used as the immunogen for the ATP1A1 antibody.

## Storage

Store the ATP1A1 antibody at -20oC.