

Datasheet for ABIN453525  
**anti-ATP12A antibody (Middle Region)**



[Go to Product page](#)

1 Image

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 0.4 mL  |
| Target:              | ATP12A  |
| Binding Specificity: | Middle Region                                   |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This ATP12A antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | KLH conjugated synthetic peptide selected from the Center region of human ATP12A |
| Specificity:  | This antibody reacts to ATP12A.  |
| Purification: | Affinity chromatography on Protein A   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | ATP12A  |
| Alternative Name: | ATP12A / ATP1AL1 ( <a href="#">ATP12A Products</a> )  |
| Background:       | ATP12A belongs to the family of P-type cation transport ATPases. This protein is a catalytic subunit of the ouabain-sensitive H <sup>+</sup> /K <sup>+</sup> -ATPase that catalyzes the hydrolysis of ATP coupled with the exchange of H <sup>(+)</sup> and K <sup>(+)</sup> ions across the plasma membrane. It is also responsible for potassium absorption in various tissues. Synonyms: Non-gastric H <sup>(+)</sup> /K <sup>(+)</sup> ATPase subunit |

## Target Details

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alpha, Potassium-transporting ATPase alpha chain 2, Proton pump

Gene ID: 479

NCBI Accession: [NP\\_001667](#)

UniProt: [P54707](#)

Pathways: [Proton Transport, Ribonucleoside Biosynthetic Process](#)

## Application Details

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Application Notes: ELISA: 1/1,000. Western blotting: 1/100 - 1/500.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

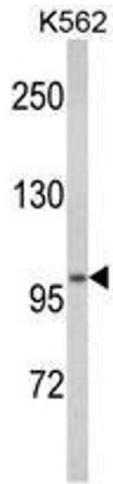
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



### Western Blotting

**Image 1.** Western blot analysis of ATP12A Antibody (Center) in K562 cell line lysates (35ug/lane). ATP12A (arrow) was detected using the purified Pab.