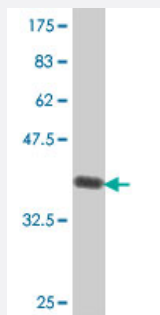


# ATP12A polyclonal antibody (A01)

Catalog # H00000479-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (37.99 KDa) .

## Specification

|                                      |                                                                                                              |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Mouse polyclonal antibody raised against a partial recombinant ATP12A.                                       |
| <b>Immunogen</b>                     | ATP12A (NP_001667, 174 a.a. ~ 281 a.a) partial recombinant protein with GST tag.                             |
| <b>Sequence</b>                      | SSFNKMIPQQALVIRDSEKKTIPSEQLVVGDIKGGDQIPADIRVLSSQGCRVDNSSLTGESEP<br>QPRSEFTHENPLETKNICFYSTTCLEASTSPVGTVTGMVIN |
| <b>Host</b>                          | Mouse                                                                                                        |
| <b>Reactivity</b>                    | Human                                                                                                        |
| <b>Interspecies Antigen Sequence</b> | Mouse (80)                                                                                                   |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.99 KDa) .     |
| <b>Storage Buffer</b>                | 50 % glycerol                                                                                                |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                     |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — ATP12A

Entrez GeneID [479](#)

GeneBank Accession# [NM\\_001676](#)

Protein Accession# [NP\\_001667](#)

Gene Name ATP12A

Gene Alias ATP1AL1

Gene Description ATPase, H<sup>+</sup>/K<sup>+</sup> transporting, nongastric, alpha polypeptide

Omim ID [182360](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This gene encodes 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. [provided by RefSeq]

**Other Designations** ATPase, Na<sup>+</sup>/K<sup>+</sup> transporting, alpha polypeptide-like 1|ATPase, Na<sup>+</sup>K<sup>+</sup> transporting, alpha-1 polypeptide-like|OTTHUMP00000018132|OTTHUMP00000042326|hydrogen/potassium-exchanging ATPase 12A|non-gastric H<sup>(+)</sup>/K<sup>(+)</sup> ATPase alpha subunit|potassium-transporting ATP

## Pathway

- [Oxidative phosphorylation](#)

## Disease

- [Tobacco Use Disorder](#)