

## Anti-ATP1A1 antibody (386-595) (STJ11105522)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/ELISA           |
| Host / Source | Rabbit             |
| Reactivity    | Rat                |

### PRODUCT PROPERTIES

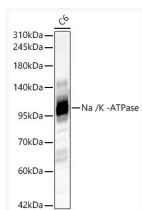
|                     |                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                |
| Concentration       | Lot specific                                                                                                                                              |
| Conjugation         | Unconjugated                                                                                                                                              |
| Purification        | Affinity purification                                                                                                                                     |
| Dilution Range      | WB:1:500-1:1000<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.                                                                                                          |
| Isotype             | IgG                                                                                                                                                       |
| Molecular Weight    | Protein Mw: 74kDa/109kDa/112kDa/113kDa<br>Observed Mw: 100kDa                                                                                             |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                            |

### TARGET INFORMATION

|                    |                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">476</a>                                                                                                                                                                                                                 |
| Gene Symbol        | <a href="#">ATP1A1</a>                                                                                                                                                                                                              |
| UniProt ID         | <a href="#">AT1A1_HUMAN</a>                                                                                                                                                                                                         |
| Immunogen Region   | 386-595                                                                                                                                                                                                                             |
| Immunogen Sequence | MTVAHMFWDNQIHEADTTEN QSGVSFDKTSATWLALSRIA GLCNRAVFQANQENLPILKR<br>AVAGDASESALLKCIELCCG SVKEMRERYAKIVEIPFNST NKYQLSIHKNPNTSEPHLL<br>VMKGAPERILDRCSSILLHG KEQPLDEELKDAFQAYLEL GGLGERVLGFCHLFLPDEQF<br>PEGFQFDTDVNFPIIDNLCF VGLISMIDPP |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 386-595 of human Na/K-ATPase ( NP_000692.2 ).                                                                                                         |

### ADDITIONAL INFORMATION

|      |                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------------------|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |
|------|-------------------------------------------------------------------------------------------------------------------------|



Western blot analysis of lysates from C6 cells using Na/K-ATPase Rabbit polyclonal antibody (STJ11105522) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 45s.