



# Magic™ Anti-Sodium Potassium ATPase-Plasma Membrane Marker polyclonal antibody (DPATB-H82153)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| <b>Product Overview</b>      | Chicken Anti-Sodium Potassium ATPase-Plasma Membrane Marker Polyclonal Antibody                              |
| <b>Target</b>                | Sodium Potassium ATPase-Plasma Membrane Marker   |
| <b>Immunogen</b>             | ATPase, Sodium, Potassium [Canine Kidney]  |
| <b>Isotype</b>               | IgY  |
| <b>Source/Host</b>           | Chicken  |
| <b>Species Reactivity</b>    | Dog  |
| <b>Purification</b>          | Immunogen affinity purified  |
| <b>Conjugate</b>             | Unconjugated   |
| <b>Applications</b>          | ICC/IF, IHC-Fr, ELISA, WB  |
| <b>Cellular Localization</b> | Cell membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. |
| <b>Positive Control</b>      | ICC: MDCK cells ELISA: 1ug recombinant protein   |
| <b>Format</b>                | Liquid   |
| <b>Size</b>                  | 100 µg   |
| <b>Buffer</b>                | unknown  |

|                     |   |
|---------------------|---|
| <b>Preservative</b> | See individual product datasheet  |
| <b>Storage</b>      | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

## BACKGROUND

**Introduction** This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, p

**Keywords** AT1A1\_HUMAN,ATP1A1,ATP1A4,ATP1AL2,ATP1B,ATP1B1,ATPase Na<sup>+</sup>/K<sup>+</sup> transporting alpha 1 polypeptide,ATPase Na<sup>+</sup>/K<sup>+</sup> transporting alpha5polypeptide,ATPase Na<sup>+</sup>/K<sup>+</sup> transporting beta 1 polypeptide,MGC1798,MGC25056,MGC3285,MGC51750,Na(+)/K(+) ATPase alpha-1 subunit,Na