

Product Datasheet

Sodium Potassium ATPase Antibody

Catalog No: CY5159

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



Information

UniProt ID: P05023

All Names: A1A1, AT1A1, ATP1A1, Na⁺/K⁺ transporting, alpha 1 polypeptide, EC 3.6.3.9, Hypothetical protein MGC38419, Na⁺/K⁺ ATPase 1, Na,K-ATPase 1, Sodium pump 1, Sodium/potassium-transporting ATPase alpha-1 chain precursor

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Synthesized peptide

Molecular Wt.: 100kDa

Application

WB 1:5000~1:10000

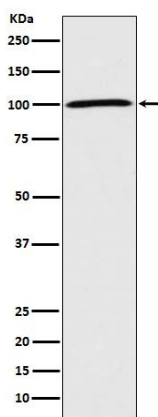
IHC 1:50~1:100

ICC/IF 1:50~1:200

FC 1:50

Background

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, providing the energy for active transport of various nutrients.



Western blot analysis of Sodium Potassium ATPase expression in HeLa cell lysate.

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