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Sodium Potassium ATPase Rabbit mAb (AR1507)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	113kD (Calculated) 100kD (Observed)

Recommended Dilution Ratios

IHC:	1:2000-10000
WB:	1:20000-50000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal

Immunogen Information

Specificity	Endogenous

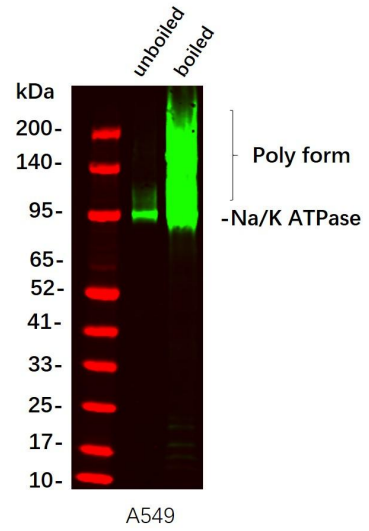
Target Information

Gene name	ATP1A1
Protein Name	Sodium/potassium-transporting ATPase subunit alpha-1 (Na(+)/K(+) ATPase alpha-1 subunit) (Sodium pump subunit alpha-1)

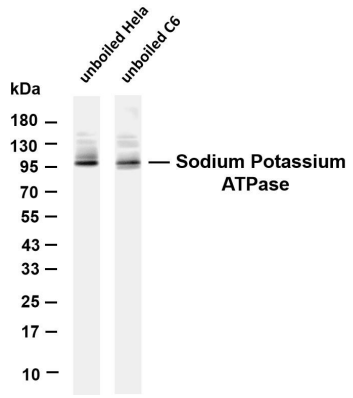
Organism	Gene ID	UniProt ID
Human		P05023; P50993; P13637; Q13733
Rat	24211	P06685

Cellular Localization	Membranous

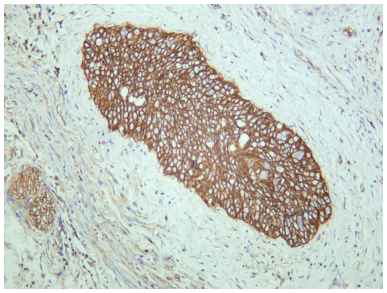
Validation Data



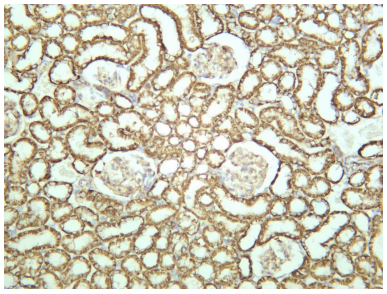
Western Blot analysis using boiled and unbioled (10minutes) cell lysate, Proteins were separated by 4-20% SDS-PAGE, and the membrane was blotted with Sodium Potassium ATPase Rabbit mAb diluted at 1:2000. Secondary: Dylight 800, Goat Anti Rabbit IgG(RS23920 1:10000)



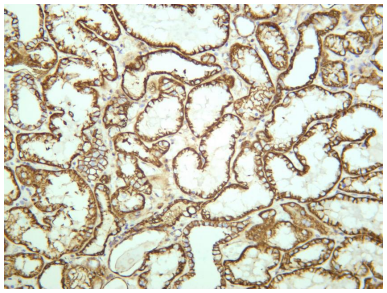
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Sodium Potassium ATPase antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.
Lane 1: unboiled Hela
Lane 2: unboiled C6
Predicted band size: 113kDa
Observed band size: 100kDa



Human cervical carcinoma was stained with anti-Sodium Potassium ATPase rabbit antibody



Rat kidney was stained with anti-Sodium Potassium ATPase rabbit antibody



Human kidney was stained with anti-Sodium Potassium ATPase rabbit antibody

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