Na+/K+-ATPase α1 Rabbit mAb (AR1507)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,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

Storage

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

Basic Information

Clonality	Monoclonal

Immunogen Information

Specificity	Endogenous

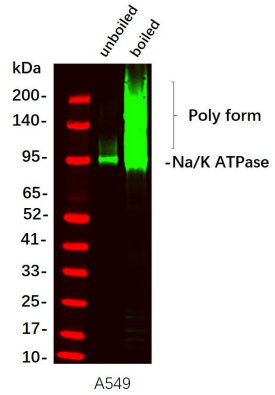
Target Information

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

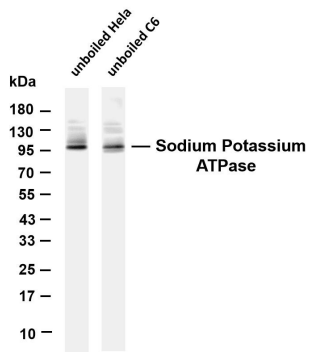
Organism	Gene ID	UniProt ID
Human	476	P05023
Mouse	11928	Q8VDN2
Rat	24211	P06685

Cellular Localization	Membranous

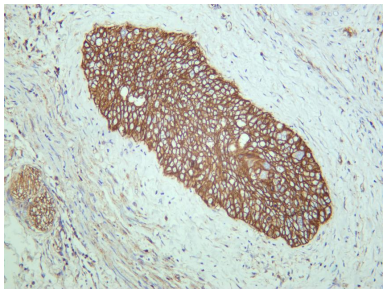
Validation Data



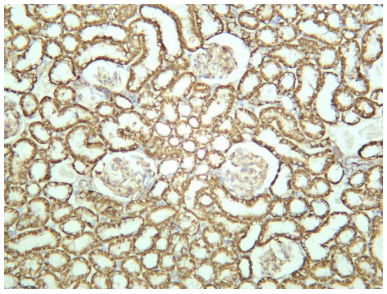
Western Blot analysis using boiled and unbioled (10minutes) cell lysate, Proteins were separated by 4-20% SDS-PAGE, and the membrane was blotted with Sodium Potassium ATPase Rabbit mAb diluted at 1:2000. Secondary: Dylight 800, Goat Anti Rabbit IgG(RS23920 1:10000)



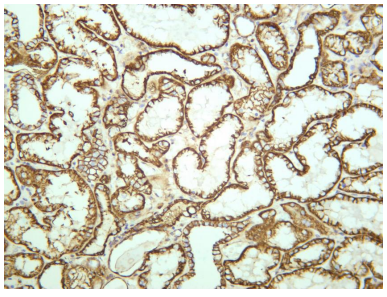
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Sodium Potassium ATPase antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.
Lane 1: unboiled Hela
Lane 2: unboiled C6
Predicted band size: 113kDa
Observed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