

#### For Research Use Only

# IHCeasy ATP1A1 Ready-To-Use IHC Kit

### Catalog Number: KHC2275

#### **General Information**

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Mouse **Cited Reactivity:** 

Assay typ Immunohistochemistry Primary antibody type: Rabbit Polyclonal Secondary antibody type: Polymer-HRP-Goat anti-Rabbit

### **Kit Component**

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Сору	
Manual	1 Сору	

## **Storage Instructions**

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

ATP1A1 is the catalytic component of Na+/K+-ATPase which is a membrane bound enzyme primarily involved in generation of Na+ and K+ gradients across plasma membranes and in determination of cytoplasmic Na+ levels. ATP1A1 is a ubiquitously expressed membrane protein and often used as the marker or internal control for plasma membrane protein.

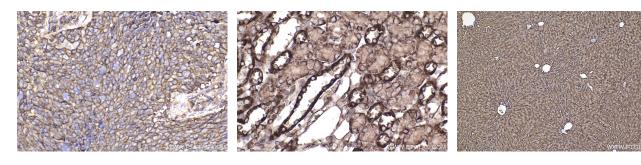
#### **Synonyms**

Na+/K+ ATPase 1, Na(+)/K(+) ATPase alpha-1 subunit, Na(+)/K(+) ATPase 1, EC:7.2.2.13, Atpa 1

For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll E: proteintech@ptglab.com free in USA), or 1(312) 455-8498 (outside W: ptglab.com USA)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using KHC2275 (ATP1A1 IHC Kit).

Immunohistochemical analysis of paraffinembedded mouse kidney tissue slide using KHC2275 (ATP1A1 IHC Kit).

Immunohistochemical analysis of paraffinembedded mouse liver tissue slide using KHC2275 (ATP1A1 IHC Kit).