

#### For Research Use Only

# IHCeasy PRKAA1 Ready-To-Use IHC Kit

## Catalog Number: KHC0600

#### General Information

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Mouse, Rat Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Mouse Monoclonal Secondary antibody type: Polymer-HRP-Goat anti-Mouse

## **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

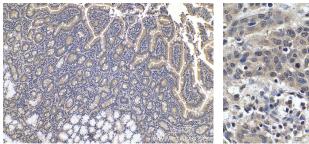
The mammalian 5-prime-AMP-activated protein kinase (AMPK) appears to play a role in protecting cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. PRKAA1 is also named as AMPK1, ACACA kinase, HMGCR kinase. It is a mammalian homologue of sucrose non-fermenting protein kinase (SNF-1), which belongs to a serine/threonine protein kinase family.

## **Synonyms**

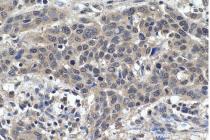
AMPK, AMPK alpha, AMPK Alpha 1, AMPK subunit alpha 1, AMPK1, AMPKa1, PRKAA1

For technical support and original validation data for this product please contact: T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

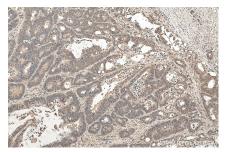
#### **Selected Validation Data**



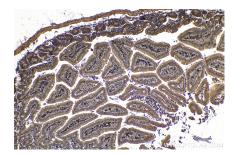
Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



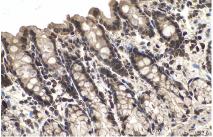
Immunohistochemical analysis of paraffinembedded human oesophagus cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



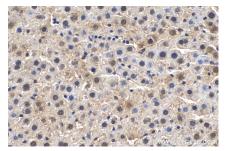
Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse small intestine tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat colon tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat liver tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).