

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

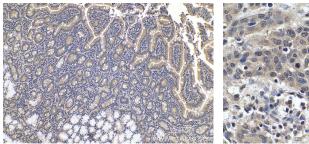
The mammalian 5-prime-AMP-activated protein kinase (AMPK) appears to play a role in protecting cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. PRKAA1 is also named as AMPK1, ACACA kinase, HMGCR kinase. It is a mammalian homologue of sucrose non-fermenting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

Synonyms

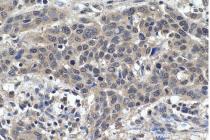
AMPK, AMPK alpha, AMPK Alpha 1, AMPK subunit alpha 1, AMPK1, AMPKa1, PRKAA1

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.

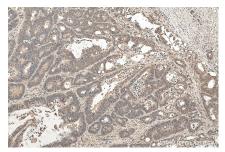
Selected Validation Data



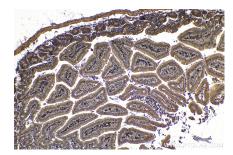
Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



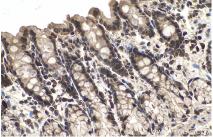
Immunohistochemical analysis of paraffinembedded human oesophagus cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



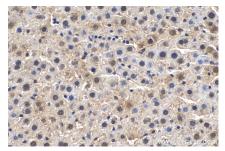
Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



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).