

IHC*easy* 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 Copy	
Manual	1 Copy	

Storage Instructions

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

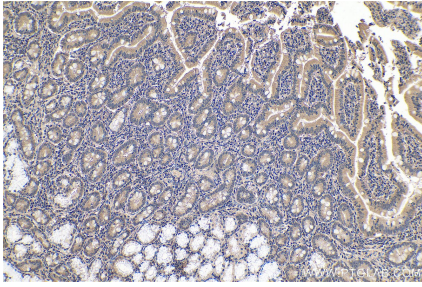
Background

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.

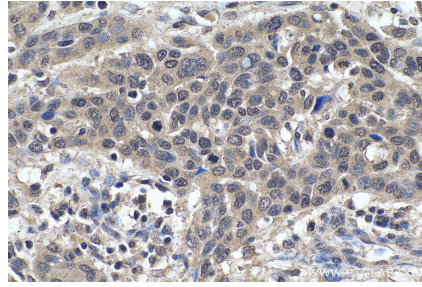
Synonyms

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

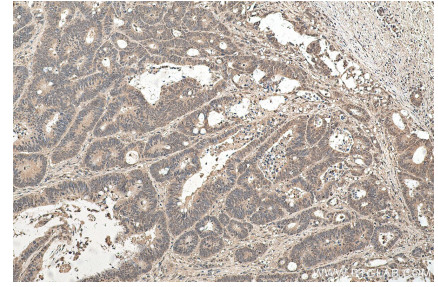
Selected Validation Data



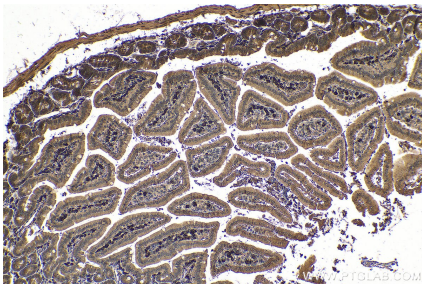
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



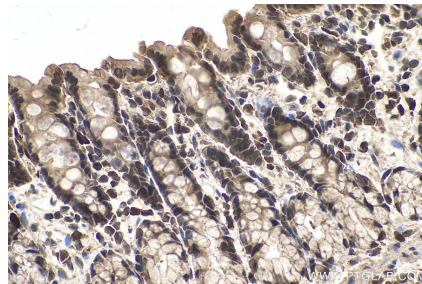
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



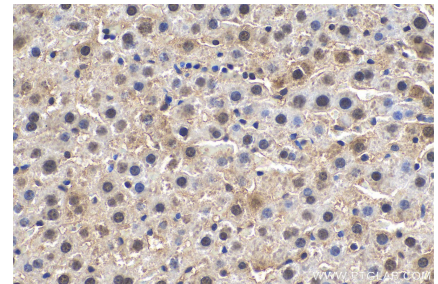
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0600 (AMPK Alpha 1 IHC Kit).



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



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



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