

IHC*easy* PRKAR2A Ready-To-Use IHC Kit

Catalog Number: **KHC0924**

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.

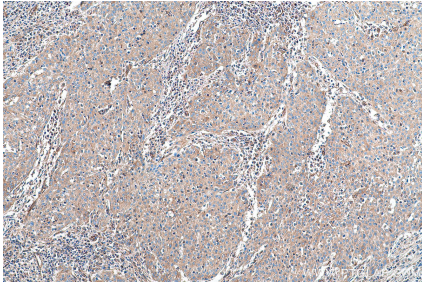
Background

The effects of cAMP in most tissues and cell types are mainly modulated via protein kinase A, a heterotetrameric protein complex consisting of two regulatory and two catalytic subunits. The regulatory subunit of cAMP-dependent protein kinase (PRKAR2A) is one of the regulatory subunits and the gene is located on chromosome region 3p21.3-p21.2. The expression of PRKAR2A is tightly regulated during spermatogenesis, a significant increase in expression of this gene was also found in the human myometrium during pregnancy.

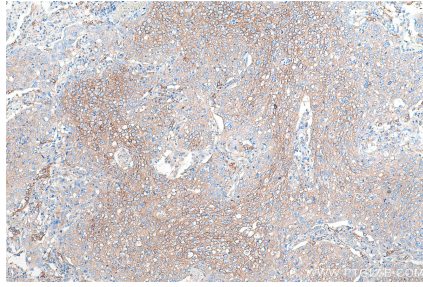
Synonyms

PKR2, PRKAR2, PRKAR2A

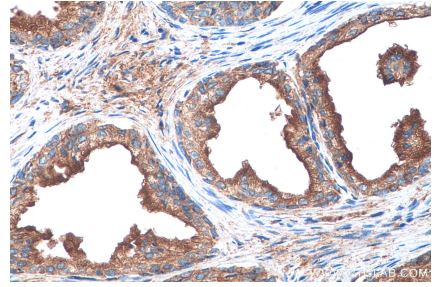
Selected Validation Data



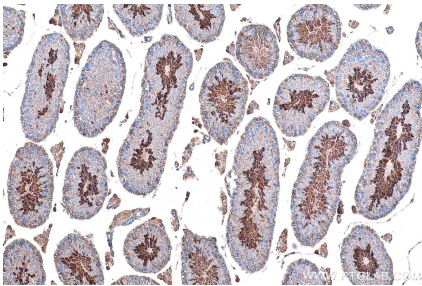
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC0924 (PRKAR2A IHC Kit).



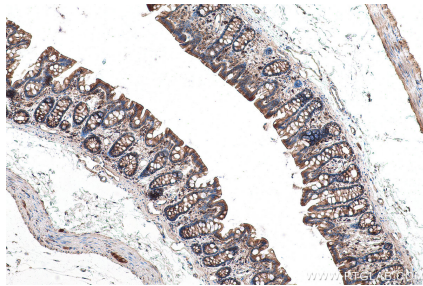
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0924 (PRKAR2A IHC Kit).



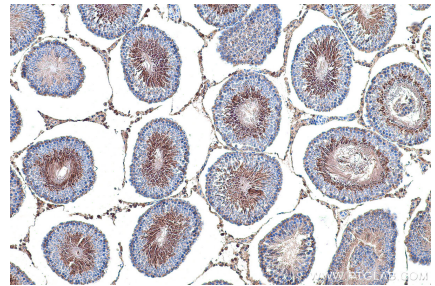
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using KHC0924 (PRKAR2A IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC0924 (PRKAR2A IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC0924 (PRKAR2A IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC0924 (PRKAR2A IHC Kit).