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For Research Use Only

IHC*easy* AK4/AK3L1 Ready-To-Use IHC Kit

Catalog Number: KHC0981

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
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 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

AK3L1(Adenylate kinase 3-like) is also named as AK4, AK3L1 and belongs to the adenylate kinase family. It catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. It is important for maintenance of homeostasis of the adenine and guanine nucleotide pools. Expression is highest in kidney and heart, moderate in liver, weak in brain, and barely detectable in placenta and lung by northern blot. Primary antibody in this kit may also recognize AK3 due to the high homology.

Synonyms

Adenylate kinase 3 like, adenylate kinase 3 like 1, AK3, AK3L1, AK4, ATP AMP transphosphorylase

For technical support and original validation data for this product please contact:
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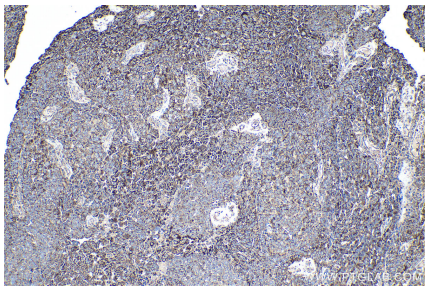
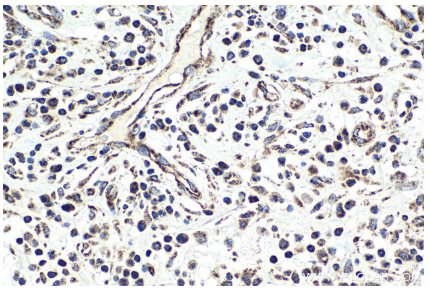
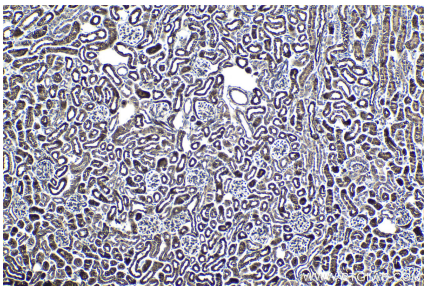
Selected Validation Data



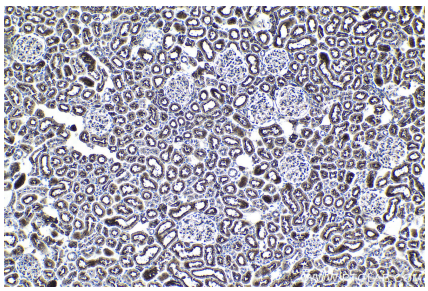
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC0981 (AK4/AK3L1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0981 (AK4/AK3L1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0981 (AK4/AK3L1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC0981 (AK4/AK3L1 IHC Kit).