

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

Catalog Number: **KHC1034**

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.

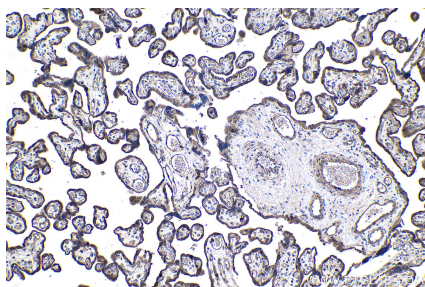
Background

PBK(PDZ-binding kinase) is also named as TOPK, CT84, Nori-3, SPK and belongs to the MAP kinase kinase subfamily. PBK may have a role in the regulation of cellular proliferation and progression of the cell cycle. It has a characteristic cdc2cyclin B phosphorylation site(SyT-P-X-KyR) at its N terminus, which is conserved across species, and it is phosphorylated in a cell cycle-dependent manner at mitosis, and that this phosphorylation is required for its activation.

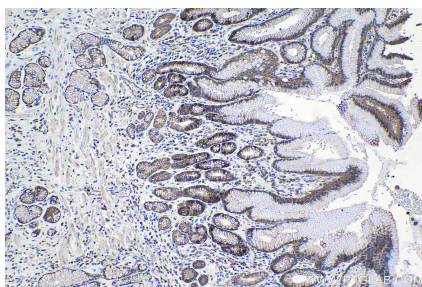
Synonyms

Cancer/testis antigen 84, CT84, MAPKK like protein kinase, Nori 3, PBK, PDZ binding kinase, SPK, TOPK

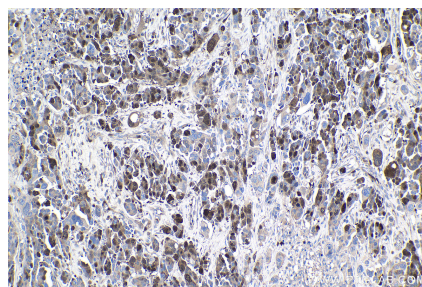
Selected Validation Data



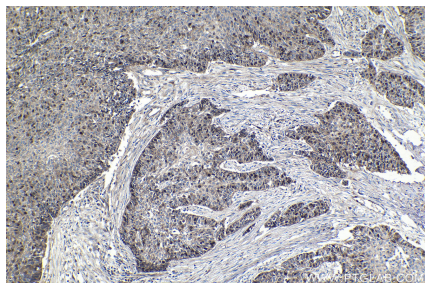
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC1034 (PBK IHC Kit).



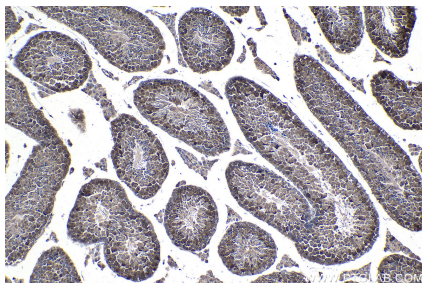
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1034 (PBK IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC1034 (PBK IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1034 (PBK IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1034 (PBK IHC Kit).