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For Research Use Only

IHC*easy*® TNIK Ready-To-Use IHC Kit

Catalog Number: KHC3024

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Recombinant

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

TNIK (Traf2- and Nck-interacting kinase) is one of the germinal center kinase family members involved in cytoskeleton organization and neuronal dendrite extension, which had been implicated in postsynaptic signaling as well as in regulation of cell proliferation. TNiK is expressed in the nervous system and plays key roles at the synapse and nucleus, In non-neuronal cells, TNiK has been described as a critical component of transcriptional regulatory mechanisms, mediated by Wnt signaling. TNIK is also an essential regulatory component of the T-cell factor-4 and β-catenin transcriptional complex and is required for the tumor-initiating function of colorectal cancer stem cells.

Synonyms

EC:2.7.11.1, KIAA0551, TRAF2 and NCK-interacting protein kinase

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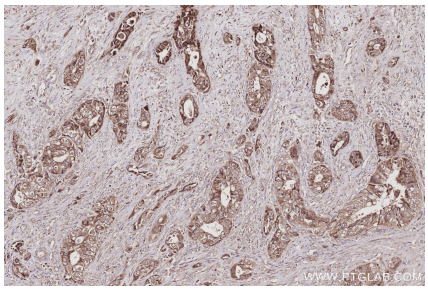
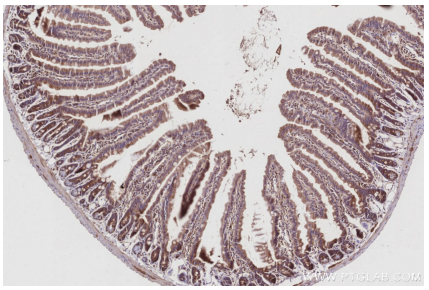
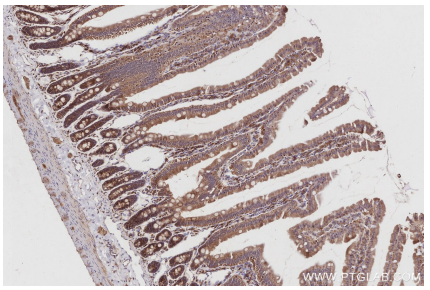
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC3024 (TNIK IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC3024 (TNIK IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC3024 (TNIK IHC Kit).