

IHC*easy* SRPK1 Ready-To-Use IHC Kit

Catalog Number: **KHC1032**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
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.

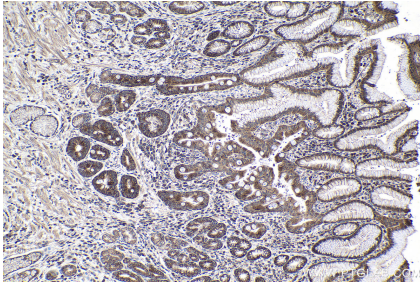
Background

SRPK1 (serine-arginine protein kinase 1) is a protein kinase that specifically phosphorylates proteins containing serine-arginine-rich domains. Its substrates include a family of SR proteins that are key regulators of mRNA AS (alternative splicing). SRPK1 may be localized both in the cytoplasm and nucleus and translocates between these compartments under various conditions (e.g. cell cycle and stress). It is able to phosphorylate SR proteins both in cytoplasm and nucleus (the significance of which remains incompletely understood) and thus regulate the activity of these proteins by affecting their ability to bind other proteins and/or RNA as well as their intracellular localization.

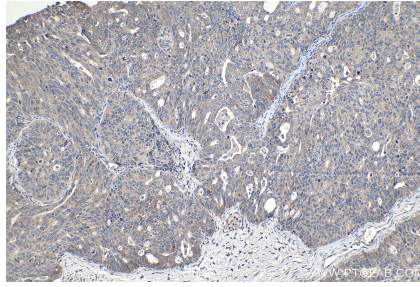
Synonyms

SFRS protein kinase 1, SFRSK1, SR protein specific kinase 1, SRPK1

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1032 (SRPK1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC1032 (SRPK1 IHC Kit).