

# IHCeasy<sup>®</sup> FZR1 Ready-To-Use IHC Kit

Catalog Number: **KHC3039**

## 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.

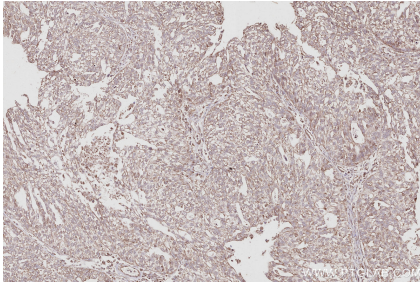
## Background

FZR1 gene, also named as FYR, FZR and KIAA1242, has been previously shown to be mutated in lobular breast carcinomas. Direct evidence of FZR1 mutations triggering tumorigenesis has been investigated. FZR1 is a key regulator of ligase activity of the anaphase promoting complex/cyclosome (APC/C) which is playing vital role s in cell cycle progression. There are 7 WD-repeat domains in FZR1. Upon phosphorylation and dephosphorylation, it interacts with other components to modulate cell mitosis.

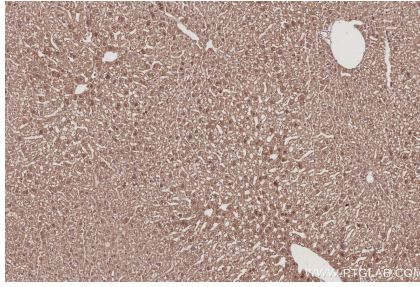
## Synonyms

CDC20 like protein 1, CDC20C, CDC20-like protein 1, CDH1, Cdh1/Hct1 homolog

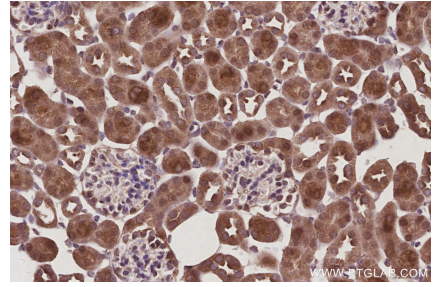
## Selected Validation Data



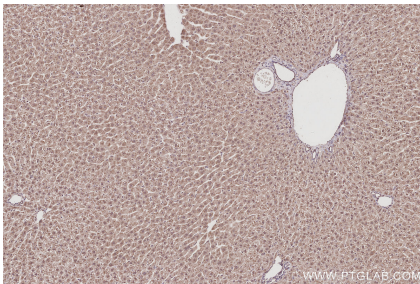
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC3039 (FZR1 IHC Kit).



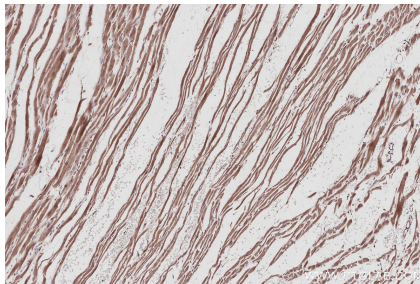
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC3039 (FZR1 IHC Kit).



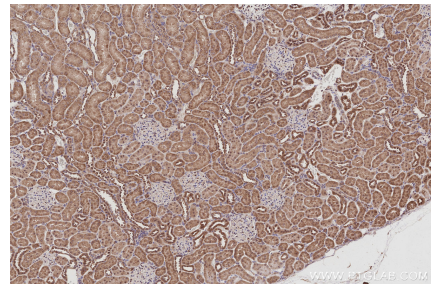
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3039 (FZR1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC3039 (FZR1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC3039 (FZR1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3039 (FZR1 IHC Kit).