

# IHC*easy* ACOT9 Ready-To-Use IHC Kit

Catalog Number: **KHC1038**

## 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.

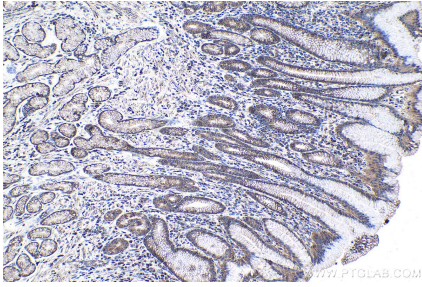
## Background

ACOT9 (Acyl-coenzyme A thioesterase 9) is a member of the acyl-CoA thioesterase superfamily, which is a group of enzymes that catalyze the hydrolysis of acyl-CoAs to the free fatty acid and coenzyme A (CoASH), providing the potential to regulate intracellular levels of acyl-CoAs, free fatty acids and CoASH.

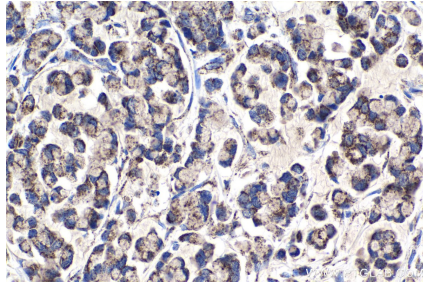
## Synonyms

ACATE2, ACOT9, Acyl CoA thioester hydrolase 9, acyl CoA thioesterase 9, CGI 16, MT ACT48

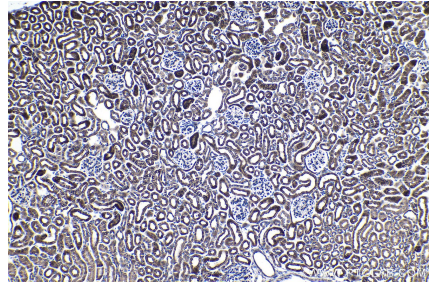
## Selected Validation Data



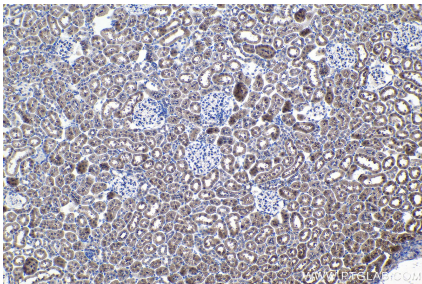
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1038 (ACOT9 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC1038 (ACOT9 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1038 (ACOT9 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC1038 (ACOT9 IHC Kit).