

# IHCeasy<sup>®</sup> Cytochrome P450 Ready-To-Use IHC Kit

Catalog Number: **KHC3190**

## 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.

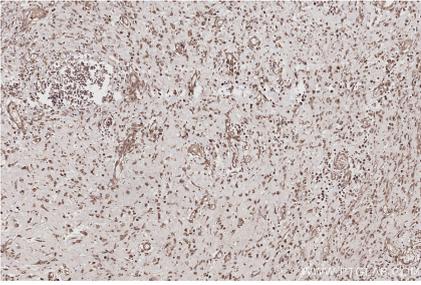
## Background

Cytochrome P450 Reductase (CYPOR) consists of the flavin mononucleotide (FMN) domain and the flavin adenine dinucleotide (FAD) domain, which bind the corresponding cofactors and transfer electrons from NADPH via FAD and FMN. CYPOR is an essential component of the microsomal P450 mixed-function oxidase system and is required for electron transfer from NADPH to cytochromes P450 in microsomes.

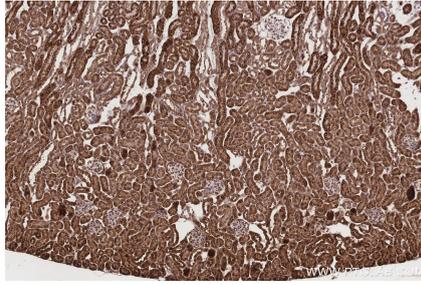
## Synonyms

Cytochrome P450 Reductase, CPR, CYPOR, P450R, POR

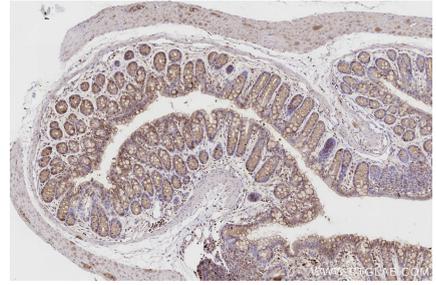
## Selected Validation Data



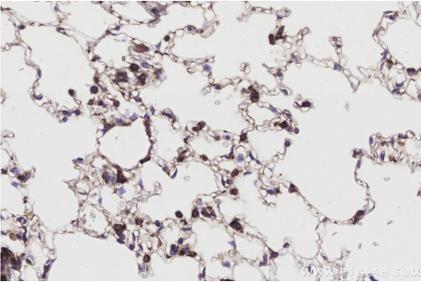
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC3190 (Cytochrome P450 IHC Kit).



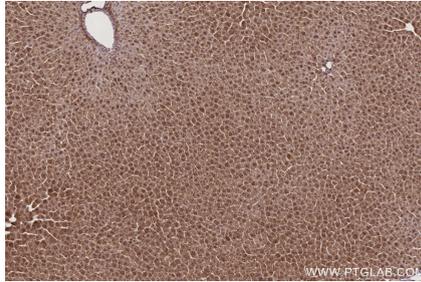
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3190 (Cytochrome P450 IHC Kit).



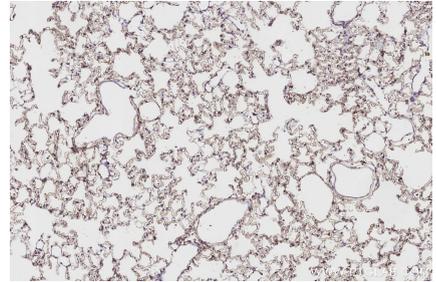
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC3190 (Cytochrome P450 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC3190 (Cytochrome P450 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC3190 (Cytochrome P450 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC3190 (Cytochrome P450 IHC Kit).