

# IHCeasy<sup>®</sup> SULT1C2 Ready-To-Use IHC Kit

Catalog Number: **KHC3135**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse

**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.

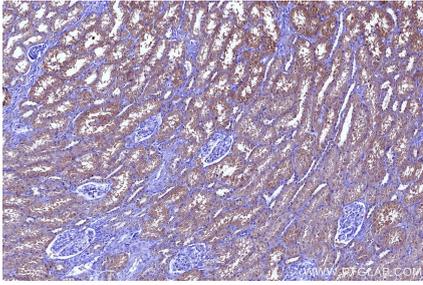
## Background

SULT1C2, also named as SULT1C1, ST1C2, ST1C1, and humSULTC2, belongs to the sulfotransferase 1 family. It is a sulfotransferase enzymes that catalyze the sulfate conjugation of many hormones, neurotransmitters, drugs, and xenobiotic compounds. SULT1C2 may be involved in the activation of carcinogenic hydroxylamines. It is responsible for transferring a sulfo moiety from PAPS to phenol-containing compounds.

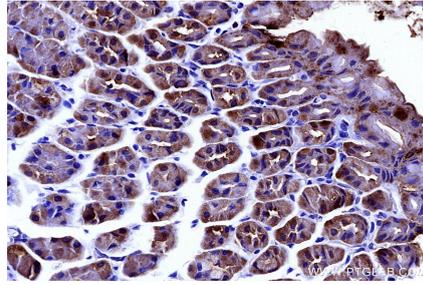
## Synonyms

EC:2.8.2.1, humSULTC2, ST1C1, ST1C2, SULT1 C2

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC3135 (SULT1C2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC3135 (SULT1C2 IHC Kit).