

IHCeasy[®] SPTLC2 Ready-To-Use IHC Kit

Catalog Number: **KHC3138**

General Information

| | |
|----------------------------------|---|
| Sample type: FFPE tissue | Assay type: Immunohistochemistry |
| Cited sample type: | Primary antibody type: |
| Reactivity: Human, Mouse, Rat | Mouse Monoclonal |
| Cited Reactivity: | Secondary antibody type: Polymer-HRP-Goat anti-Mouse |

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.

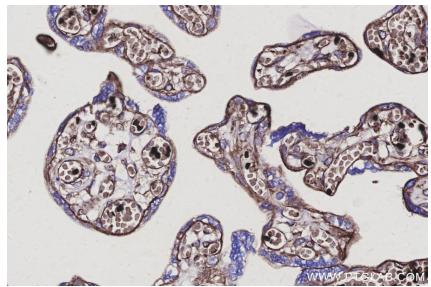
Background

Serine palmitoyltransferase long chain base subunit 2 (SPTLC2) is one of the subunits of the heterodimeric molecule Serine palmitoyltransferase (SPT). Sptlc2 deficiency not only affected T cell sphingolipid anabolism but also led to prolonged activation of the mechanistic target of rapamycin complex 1.

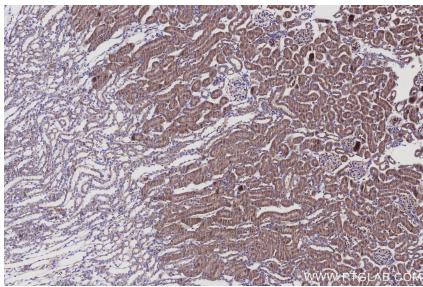
Synonyms

EC:2.3.1.50, KIAA0526, LCB 2, LCB2, LCB2a

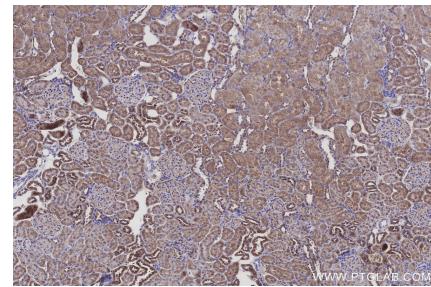
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3138 (SPTLC2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3138 (SPTLC2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC3138 (SPTLC2 IHC Kit).