

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.

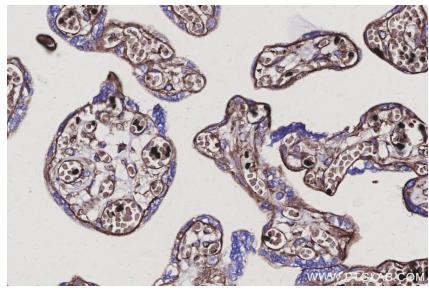
Background

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.

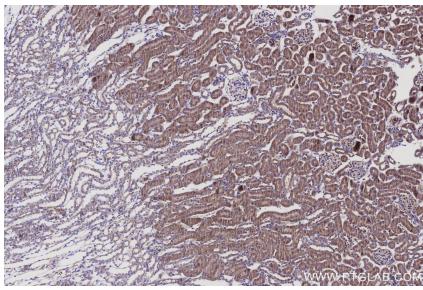
Synonyms

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

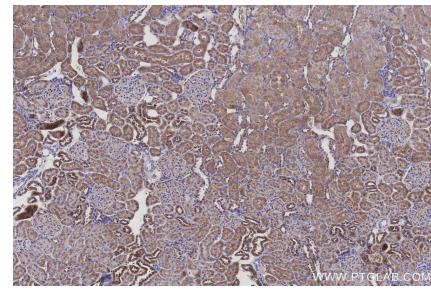
Selected Validation Data



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).