

IHC*easy* Perilipin 5 Ready-To-Use IHC Kit

Catalog Number: **KHC0230**

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

Perilipin 5 (also known as LSDP5/OXPAT) is a lipid droplet (LD) coat protein that promotes association of LDs with mitochondria and is mainly present in tissues with a high fat-oxidative capacity, such as heart, skeletal muscles and brown adipose tissue. It plays an important role in the regulation of cardiac lipid storage and function.

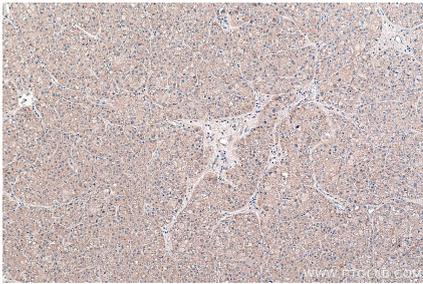
Synonyms

LSDP5, OXPAT, Perilipin 5, PLIN5

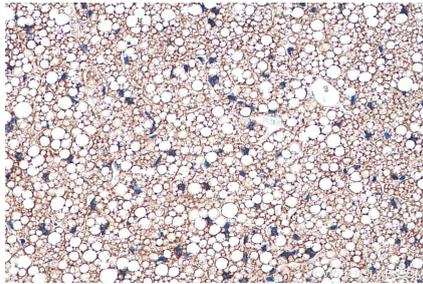
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

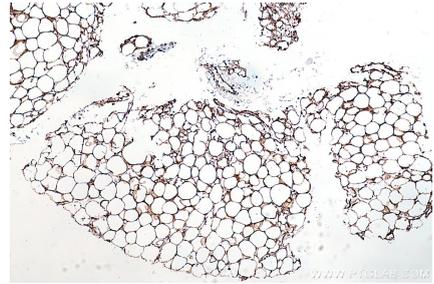
Selected Validation Data



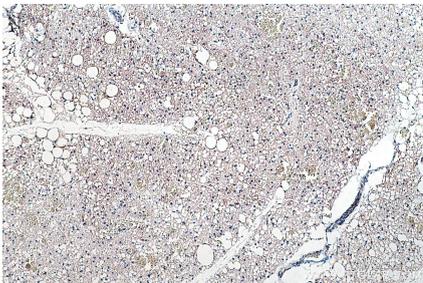
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0230 (Perilipin 5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using KHC0230 (Perilipin 5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using KHC0230 (Perilipin 5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brown adipose tissue slide using KHC0230 (Perilipin 5 IHC Kit).