

IHC*easy* CIDEA Ready-To-Use IHC Kit

Catalog Number: **KHC0244**

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.

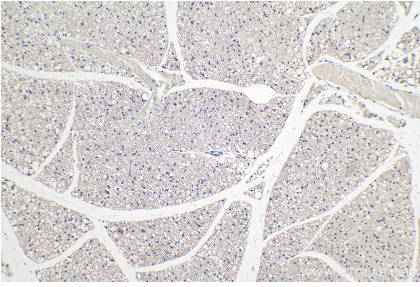
Background

Cell death-inducing DNA fragmentation factor (DFFA)-like effector (CIDE) family proteins, including Cidea, Cideb, and Fsp27 (Cidec), are lipid droplet (LD)-associated proteins playing important roles in LD fusion, lipid secretion, and very-low-density-lipoprotein (VLDL) maturation. Cidea is highly enriched in adult brown adipose tissue (BAT), and its deficiency results in the accumulation of smaller LDs in brown adipocytes, improved INS sensitivity, and resistance to diet-induced obesity.

Synonyms

Cell death activator CIDE A, CIDE A, CIDEA

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using KHC0244 (CIDEA IHC Kit).