

IHCeasy[®] DNAJC5 Ready-To-Use IHC Kit

Catalog Number: **KHC2914**

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

DNAJC5 (DnaJ homolog subfamily C member 5), also known as cysteine string protein α (CSPα), is a member of the HSP40 (DNAJ) family of proteins, as well as a co-chaperone of HSC70, and has been shown to control the extracellular release of many neurodegenerative disease proteins. DNAJC5 contains three structural domains - a common N-terminal J structural domain conserved in DNAJ proteins, the cysteine string (CS) central structural domain, which is highly palmitoylated and anchors the protein to late endosomes, and an overall disordered C-terminal structural domain. Mutations in DNAJC5 have been strongly implicated in the development of human diseases such as neuronal waxy lipofuscinosis, cystic fibrosis, Huntington's disease and Parkinson's disease.

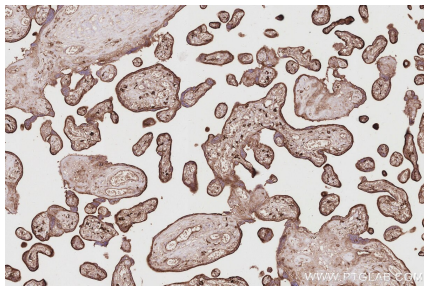
Synonyms

Ceroid-lipofuscinosis neuronal protein 4, CLN4, CSP, Cysteine string protein, DnaJ (Hsp40) Homolog, Subfamily C, Member 5

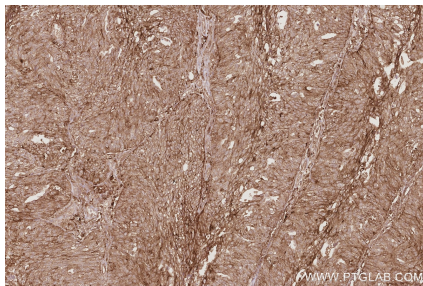
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

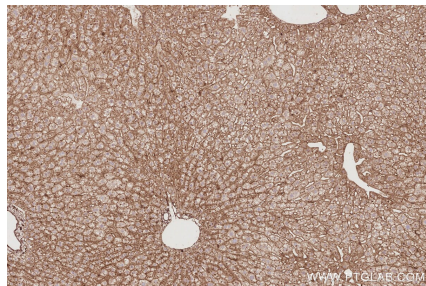
Selected Validation Data



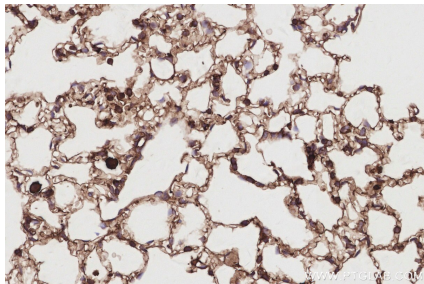
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2914 (DNAJC5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC2914 (DNAJC5 IHC Kit).



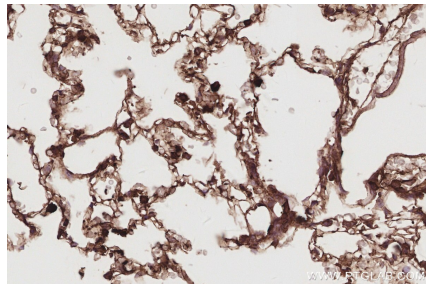
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC2914 (DNAJC5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC2914 (DNAJC5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC2914 (DNAJC5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC2914 (DNAJC5 IHC Kit).