

IHCeasy[®] NDUFA11 Ready-To-Use IHC Kit

Catalog Number: **KHC3285**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
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.

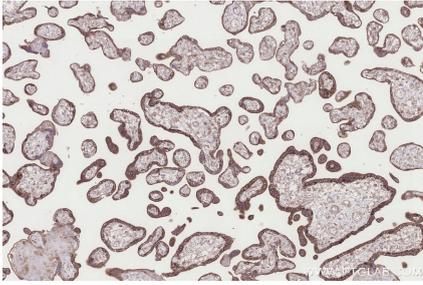
Background

Mitochondrial complex I is assembled from 44 subunits into an L-shaped complex, with a hydrophobic arm embedded in the inner mitochondrial membrane and the other arm protruding into the mitochondrial matrix. NDUFA11 encodes a subunit of the membrane-bound mitochondrial complex I, and functions in assembly, stability, and regulation of the complex. Mutations in NDUFA11 are associated with severe mitochondrial complex I deficiency.

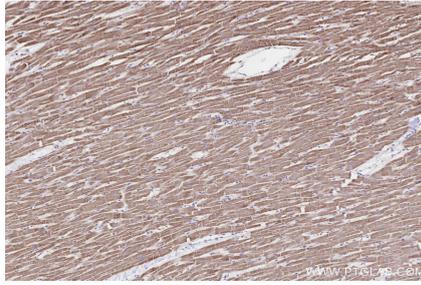
Synonyms

B14.7, CI B14.7, CI-B14.7, Complex I B14.7, Complex I-B14.7

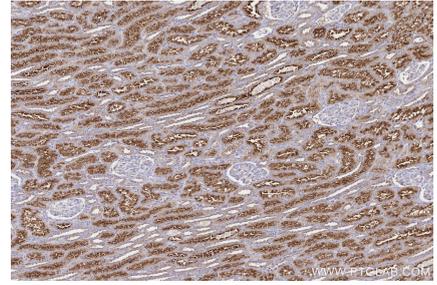
Selected Validation Data



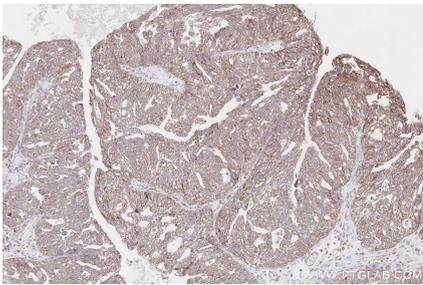
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3285 (NDUFA11 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using KHC3285 (NDUFA11 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC3285 (NDUFA11 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC3285 (NDUFA11 IHC Kit).