

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

For technical support and original validation data for this product please contact:
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Selected Validation Data