

IHCeasy[®] NDUFS7 Ready-To-Use IHC Kit

Catalog Number: KHC3178

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.

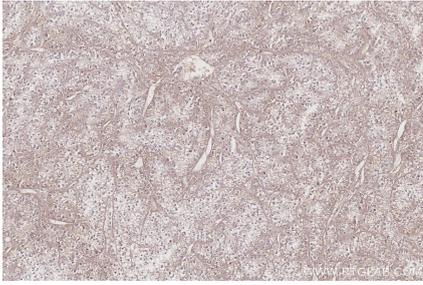
Background

NDUFS7(NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial) protein is one of the most conserved subunits of mitochondrial respiratory chain complex I and plays a central role in the interaction with the electron acceptor ubiquinone and in the proton-translocating mechanism. Defects in NDUFS7 are a cause of Leigh syndrome (LS) and mitochondrial complex I deficiency (MT-C1D).

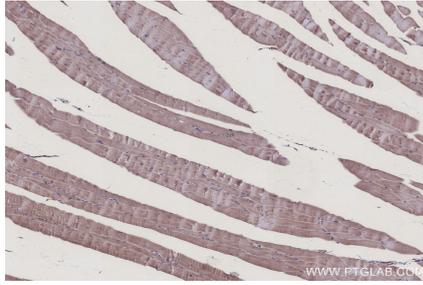
Synonyms

CI-20kD, Complex I-20kD, EC:7.1.1.2, NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial, NADH-ubiquinone oxidoreductase 20 kDa subunit

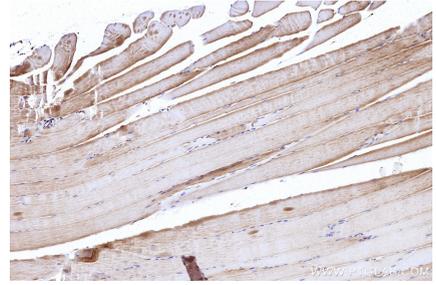
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using KHC3178 (NDUFS7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC3178 (NDUFS7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC3178 (NDUFS7 IHC Kit).