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Antibodies | ELISA kits | Proteins

IHC*easy* PINK1 Ready-To-Use IHC Kit

Catalog Number: KHC1071

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

PINK1 is a mitochondrial serine/threonine-protein kinase that protects cells from stress-induced mitochondrial dysfunction. The precursor of PINK1 is synthesized in the cytosol and is imported into the outer membrane of mitochondria. PINK1 is further transferred into the inner membrane. The half life of the mature form of PINK1 is very short and it was proposed that the proteasome is involved in its degradation. The gene of PINK1 maps to chromosome 1p36.12. Two alternatively spliced variants exist, the shorter isoform produced by alternative splicing. Mutations in the PINK1 gene cause autosomal recessive early-onset Parkinson's disease.
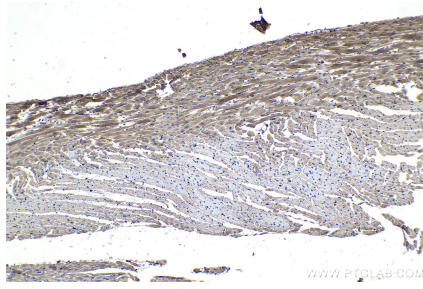
Synonyms

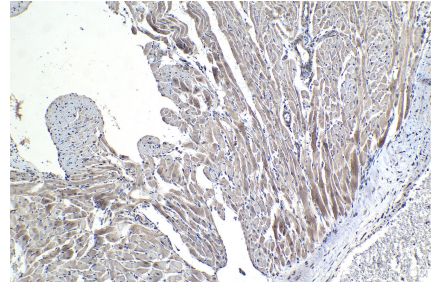BRPK, PARK6, PINK1, PTEN induced putative kinase 1
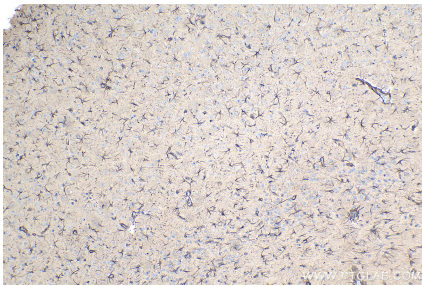
Selected Validation Data
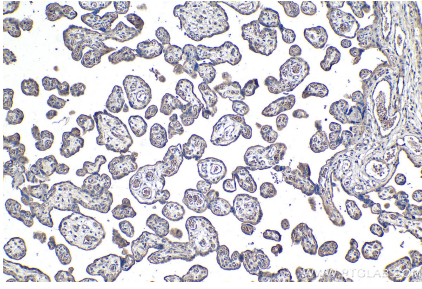
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC1071 (PINK1 IHC Kit).

Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC1071 (PINK1 IHC Kit).

Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC1071 (PINK1 IHC Kit).

Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC1071 (PINK1 IHC Kit).