

IHC*easy* PNPT1 Ready-To-Use IHC Kit

Catalog Number: **KHC2713**

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.

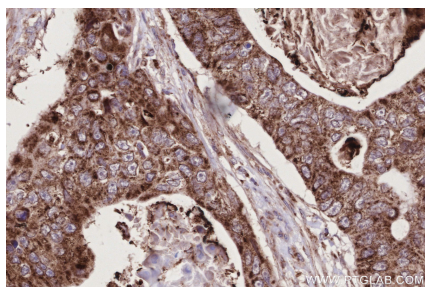
Background

PNPT1 (polynucleotide phosphorylase1; also known as PNPASE) localizes in the mitochondrial intermembrane and regulates RNA import into mitochondria. PNPT1 is also involved in mRNA degradation. As a type I IFN-inducible gene, PNPT1 plays an essential role in mediating IFN-mediated inflammatory processes. Recently mutation in PNPT1 has been reported to cause hereditary hearing loss.

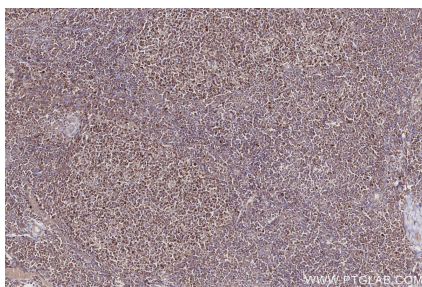
Synonyms

PNPT1, 3'-5' RNA exonuclease OLD35, EC:2.7.7.8, old 35, OLD35

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC2713 (PNPT1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using KHC2713 (PNPT1 IHC Kit).