

IHCeasy[®] PPAT Ready-To-Use IHC Kit

Catalog Number: **KHC3247**

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse, Rat

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Recombinant

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

PPAT, also known as ATase (amidophosphoribosyltransferase) or GPAT (glutamine phosphoribosylpyrophosphate amidotransferase) is the rate-limiting enzyme in the de novo pathway of purine ribonucleotide synthesis and is regulated by feedback inhibition by AMP and GMP. PPAT expression modulates pyruvate kinase activity, cell proliferation and invasion.

Synonyms

EC:2.4.2.14, GPAT, phosphoribosyl pyrophosphate amidotransferase, PRAT

Selected Validation Data