

IHC*easy* CPA1 Ready-To-Use IHC Kit

Catalog Number: **KHC1331**

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.

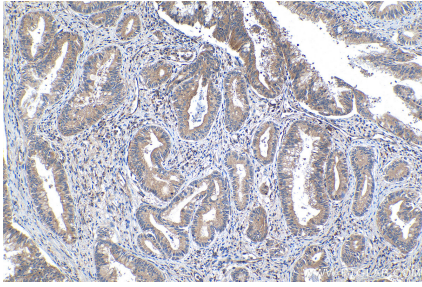
Background

CPA1(Carboxypeptidase A1) is also named as CPA and belongs to the the peptidase M14 family. CPA1 is one of the genes whose expression in the pancreas and the protein which it encodes is synthesized as an inactive precursor, proCPA1, which is processed to the active enzyme by the proteolytic removal of the 95-amino acid N-terminal prodomain. The mature CPA1 is not secreted and is trapped and degraded intracellularly. Primary antibody in this kit is speicific to CPA1.

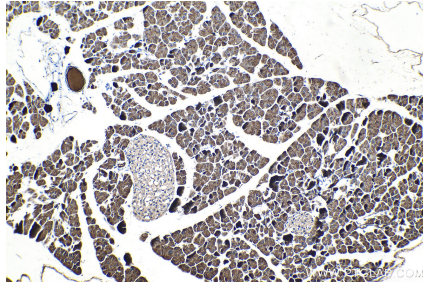
Synonyms

Carboxypeptidase A1, CPA, CPA1

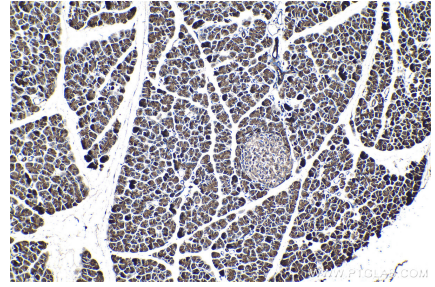
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC1331 (CPA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using KHC1331 (CPA1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat pancreas tissue slide using KHC1331 (CPA1 IHC Kit).