

IHC*easy* PRIM1 Ready-To-Use IHC Kit

Catalog Number: **KHC2288**

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.

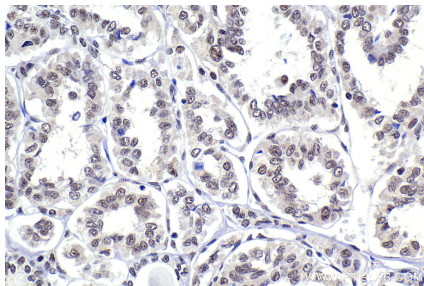
Background

DNA replication in human cells is initiated by a complex apparatus containing a DNA polymerase-alpha/primase complex. Primase synthesizes oligoribonucleotides that serve as primers for the initiation of DNA synthesis. It plays a role in both the initiation of DNA replication and the synthesis of Okazaki fragments for lagging strand synthesis. PRIM1 is a subunit of this complex.

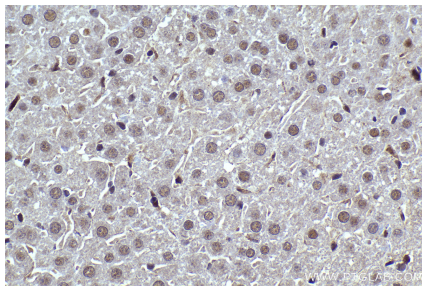
Synonyms

p49, EC:2.7.7.102, DNA primase small subunit, DNA primase 49 kDa subunit

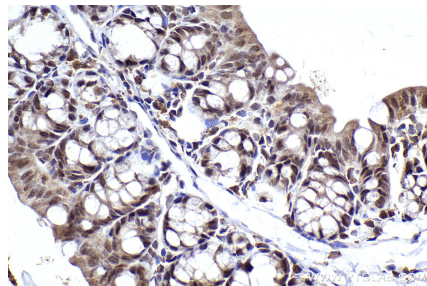
Selected Validation Data



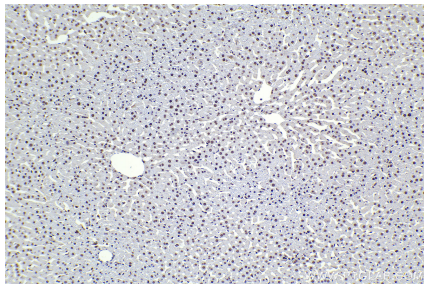
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC2288 (PRIM1 IHC Kit).



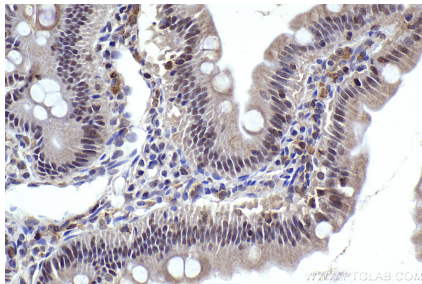
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC2288 (PRIM1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC2288 (PRIM1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC2288 (PRIM1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC2288 (PRIM1 IHC Kit).