

IHC*easy* THOC7 Ready-To-Use IHC Kit

Catalog Number: **KHC1786**

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.

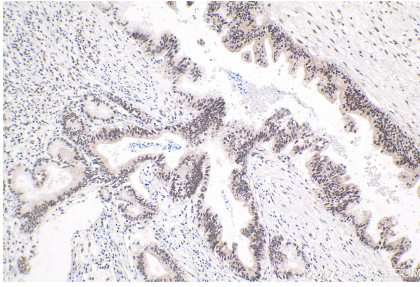
Background

THOC7 is a member of the THO complex that associate with the mRNA export apparatus. It is required for efficient export of polyadenylated RNA. It acts as component of the THO subcomplex of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and which specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway. The TREX complex is essential for the export of Kaposi's sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production.

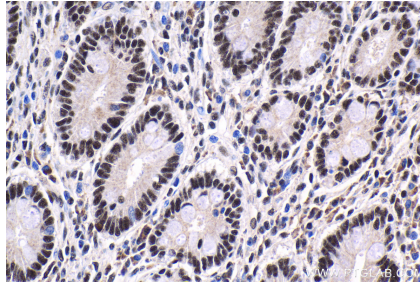
Synonyms

fSAP24, hTREX30, NIF3L1 binding protein 1, NIF3L1BP1, THO complex subunit 7 homolog, THOC7

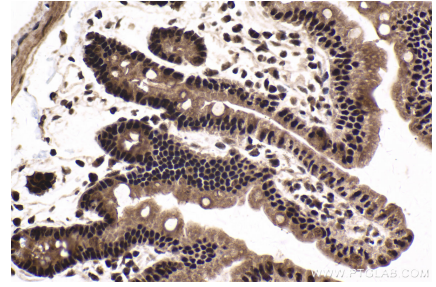
Selected Validation Data



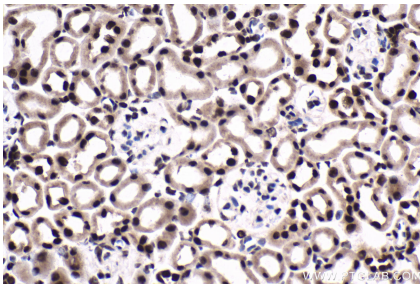
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC1786 (THOC7 IHC Kit).



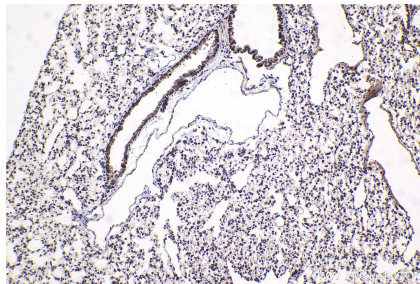
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1786 (THOC7 IHC Kit).



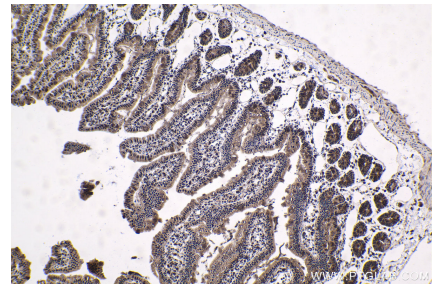
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1786 (THOC7 IHC Kit).



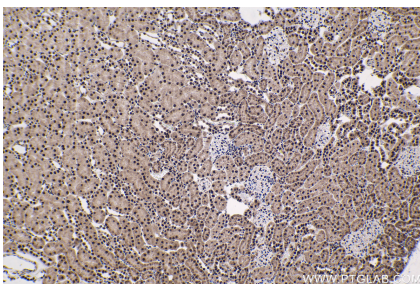
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1786 (THOC7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1786 (THOC7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1786 (THOC7 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC1786 (THOC7 IHC Kit).