

IHC*easy* PAPD5 Ready-To-Use IHC Kit

Catalog Number: **KHC2688**

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.

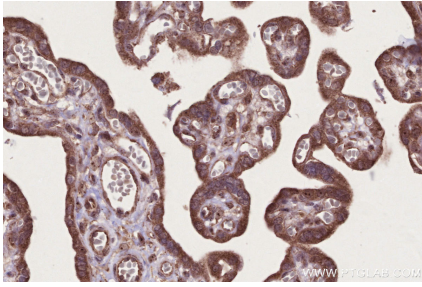
Background

PAPD5, also named as Non-canonical poly(A) RNA polymerase PAPD5, is a 572 amino acid protein, which contains 1 PAP-associated domain and belongs to the DNA polymerase type-B-like family. PAPD5 is predominantly expressed in the cytoplasm. PAPD5 as catalytic subunit of a TRAMP-like complex that has a poly(A) RNA polymerase activity and is involved in a post-transcriptional quality control mechanism. Polyadenylation with short oligo(A) tails is required for the degradative activity of the exosome on several of its nuclear RNA substrates. PAPD5 plays a role in replication-dependent histone mRNA degradation, probably through terminal uridylation of mature histone mRNAs. PAPD5 also may play a role in sister chromatid cohesion.

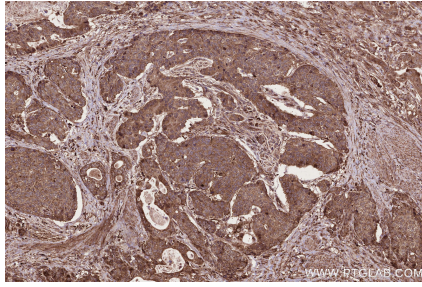
Synonyms

PAPD5,EC:2.7.7.-,EC:2.7.7.19,GLD4,Non-canonical po

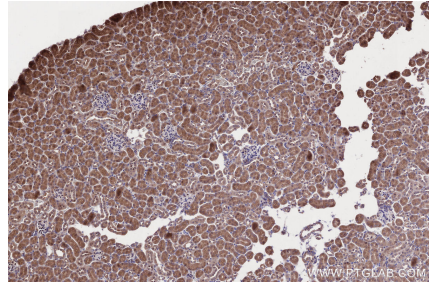
Selected Validation Data



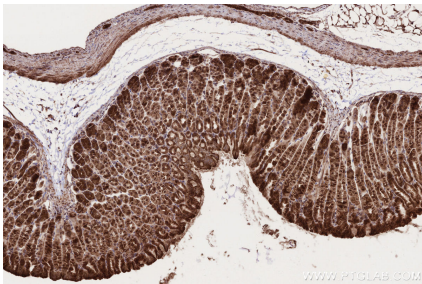
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2688 (PAPD5 IHC Kit).



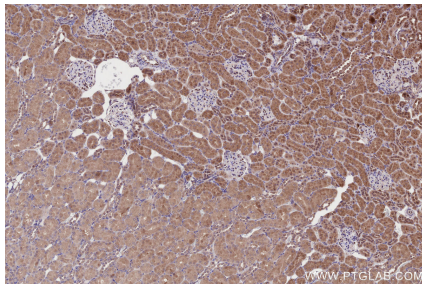
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC2688 (PAPD5 IHC Kit).



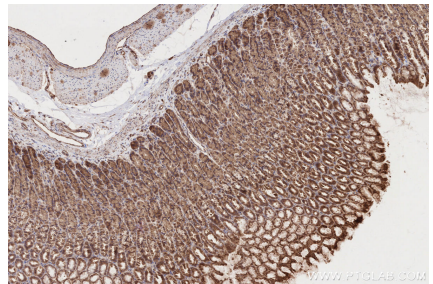
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC2688 (PAPD5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2688 (PAPD5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC2688 (PAPD5 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2688 (PAPD5 IHC Kit).