

IHCeasy[®] USP16 Ready-To-Use IHC Kit

Catalog Number: **KHC3083**

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.

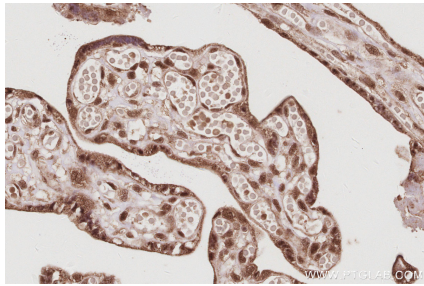
Background

USP16 (Ubiquitin specific peptidase 16) was originally identified as a DUB of histone H2A which is implicated in cell cycle progression and HOXD10 gene expression. The knockout study has reported that depletion of USP16 results in early embryonic lethality in mice. Moreover, USP16 mediated the deubiquitination and stabilization of Drp1 through its direct interaction with Drp1.

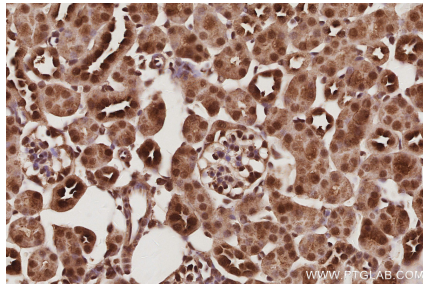
Synonyms

EC:3.4.19.12, MSTP039, Ubiquitin carboxyl-terminal hydrolase 16, Ubiquitin thioesterase 16, Ubiquitin-processing protease UBP-M

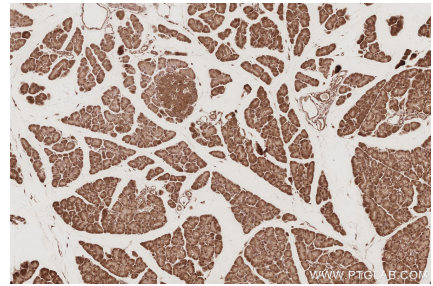
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC3083 (USP16 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3083 (USP16 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat pancreas tissue slide using KHC3083 (USP16 IHC Kit).