

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

Catalog Number: **KHC2859**

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.

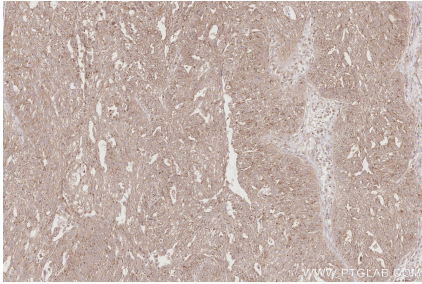
Background

The Pelo gene was originally identified in a mutagenesis screen for spermatogenesis-specific genes of *Drosophila melanogaster*. The PELO is required for the meiotic division during the G2/M transition, and functions in recognizing stalled ribosomes and triggering endonucleolytic cleavage of the mRNA, a mechanism to release non-functional ribosomes and degrade damaged mRNAs. It may participate in the machinery of protein synthesis or in the regulation of mRNA translation.

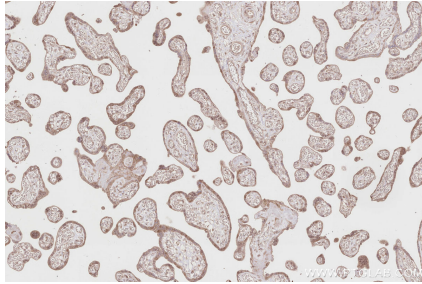
Synonyms

CGI 17, CGI-17, hPelota, PRO1770, Protein Dom34 homolog

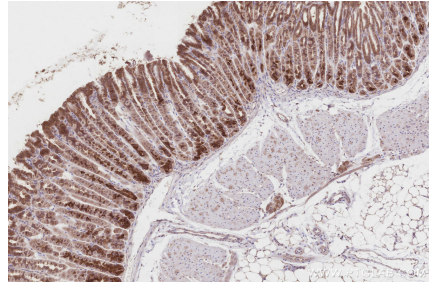
Selected Validation Data



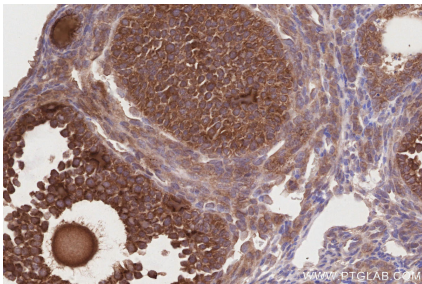
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC2859 (PELO IHC Kit).



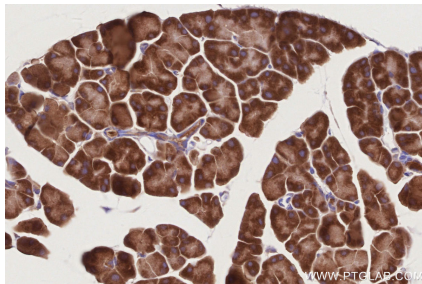
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2859 (PELO IHC Kit).



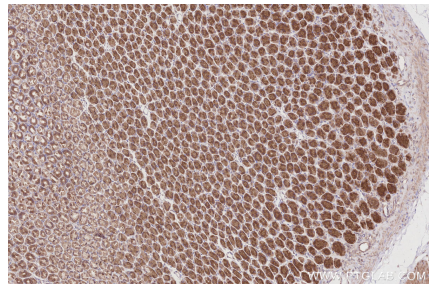
Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2859 (PELO IHC Kit).



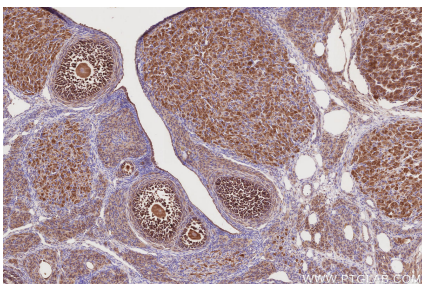
Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using KHC2859 (PELO IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using KHC2859 (PELO IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2859 (PELO IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat ovary tissue slide using KHC2859 (PELO IHC Kit).