

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

Catalog Number: **KHC1802**

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

POGZ, also known as MRD37, is a zinc-finger protein containing 9 C2H2 zinc fingers, a CENP-B (centromere protein-B) domain, and a DDE domain found in the bacterial transposase/retroviral integrase family. POGZ plays a role in mitotic cell cycle progression and is involved in kinetochore assembly and mitotic sister chromatid cohesion. POGZ plays a role in mitotic chromosome segregation by regulating aurora kinase B/AURKB activation and AURKB and CBX5 dissociation from chromosome arms. Heterozygous mutation of POGZ causes White-Sutton syndrome.

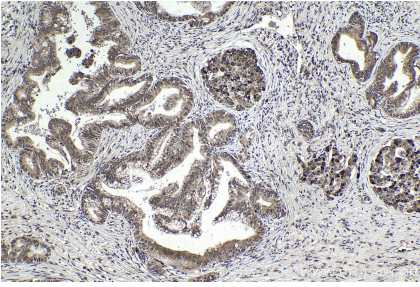
Synonyms

KIAA0461, POGZ, SUHW5, ZNF280E, ZNF635, ZNF635m

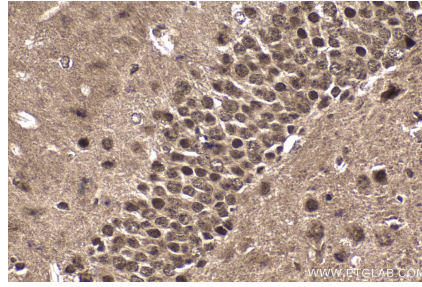
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

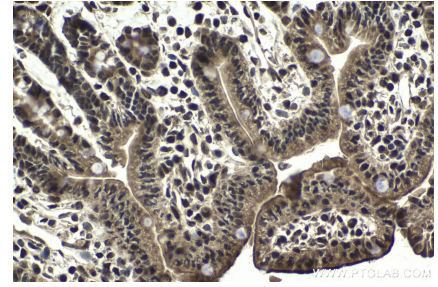
Selected Validation Data



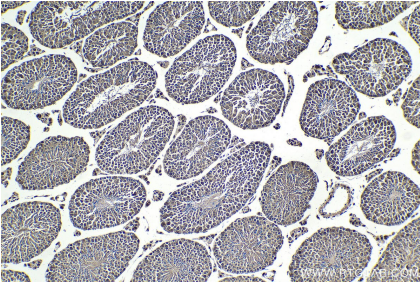
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC1802 (POGZ IHC Kit).



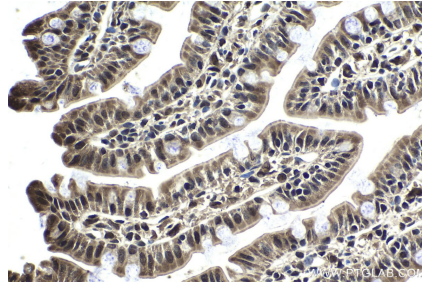
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC1802 (POGZ IHC Kit).



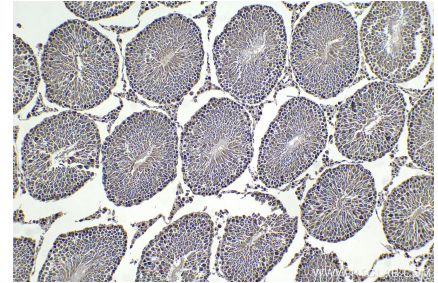
Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1802 (POGZ IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1802 (POGZ IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1802 (POGZ IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1802 (POGZ IHC Kit).