

IHC*easy* PRICKLE1 Ready-To-Use IHC Kit

Catalog Number: **KHC1880**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse
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.

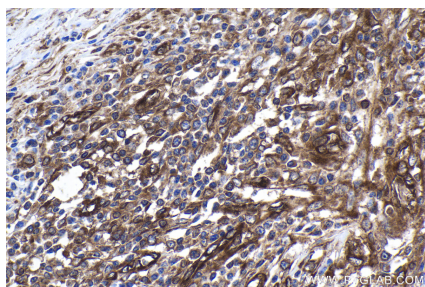
Background

PRICKLE1, also known as RILP, EPM1B, encodes a cytoplasmic protein with an N-terminal PET (Pk, Espinas, Testin) domain, three LIM domains and a C-terminal PKH (prickle homologous) domain. PRICKLE1 is expressed at the highest levels in placenta and lower levels in lung, liver, kidney and pancreas. PRICKLE1 localizes to the nuclear membrane and has been implicated in the nuclear trafficking of the transcription repressors REST/NRSF and REST4. Mutations in PRICKLE1 have been linked to progressive myoclonus epilepsy.

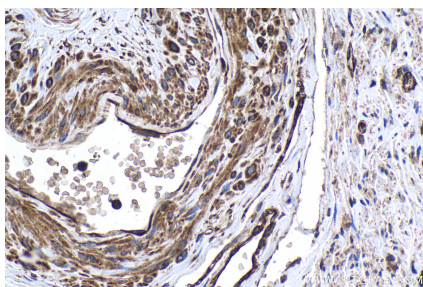
Synonyms

EPM1B, prickle homolog 1 (Drosophila), Prickle like protein 1, PRICKLE1, RILP

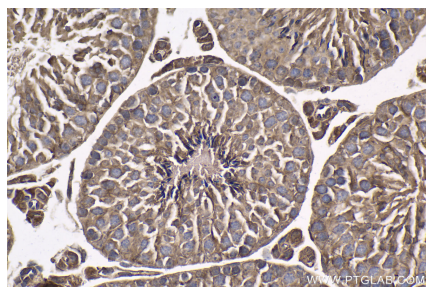
Selected Validation Data



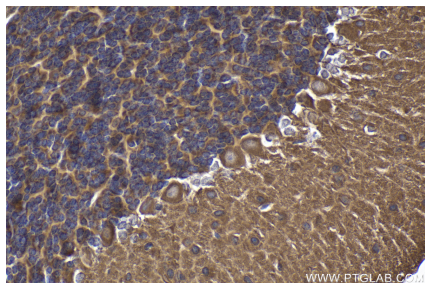
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC1880 (PRICKLE1 IHC Kit).



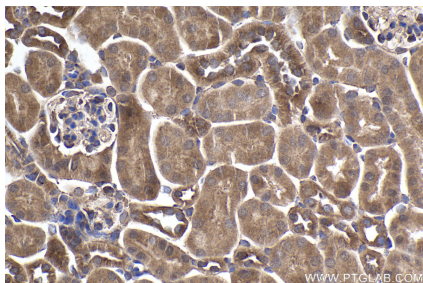
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC1880 (PRICKLE1 IHC Kit).



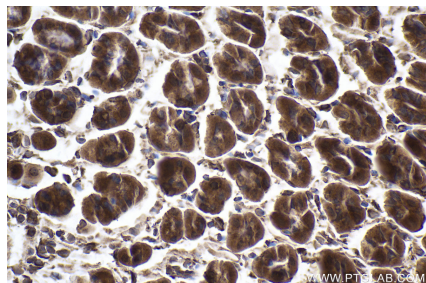
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1880 (PRICKLE1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC1880 (PRICKLE1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1880 (PRICKLE1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC1880 (PRICKLE1 IHC Kit).