

IHC*easy* PBX4 Ready-To-Use IHC Kit

Catalog Number: **KHC1909**

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.

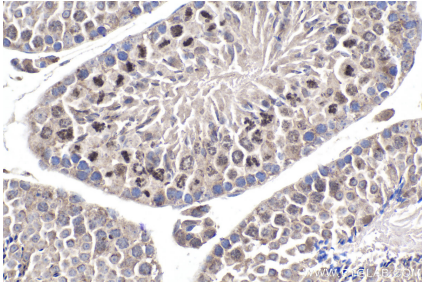
Background

Pre-B-cell leukemia homeobox 4 (PBX4), also named as Homeobox protein PBX4, is one of the pbx gene encode homeodomain containing transcriptional regulators that interact with other proteins to control embryogenesis and tumorigenesis. Pbx 4 expression is confined to the testis, especially to spermatocytes in the pachytene stage of the first meiotic prophase. PBX4 may form heterodimers with other homeobox genes (hoxb1b or meis3) to specify different developmental fates during vertebrate embryogenesis. The trimeric complex containing Pbx4, Meis3, and Hoxb1b was also formed.

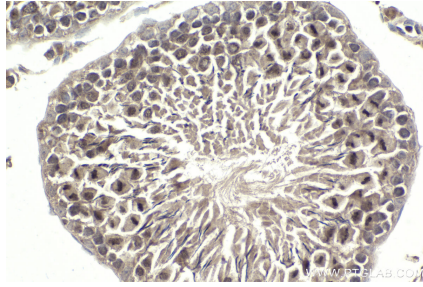
Synonyms

Homeobox protein PBX4, PBX4, pre B cell leukemia homeobox 4

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1909 (PBX4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1909 (PBX4 IHC Kit).