

IHC*easy* RUVBL1 Ready-To-Use IHC Kit

Catalog Number: **KHC0828**

General Information

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

Assay type:
Immunohistochemistry
Primary antibody type:
Mouse Monoclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

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.

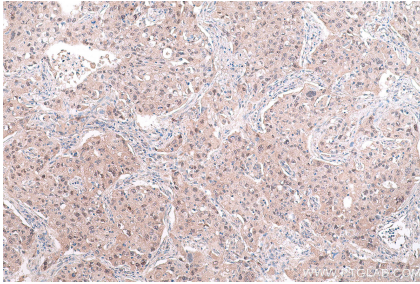
Background

RUVBL1 is a member of the AAA (ATPase associated with diverse cellular activities) family of proteins that is associated with several chromatin-remodelling complexes and has important roles in transcriptional regulation, the DNA damage response, telomerase activity, snoRNP assembly, cellular transformation and cancer metastasis. It consists of 456 amino acids and interacts with TATA-binding protein (TBP), which is a central component for transcriptional regulation by forming complexes with various transcription regulators. RUVBL1 is a component of a large nuclear protein complex, possibly the RNA polymerase II holoenzyme. RUVBL1 is also highly homologous to RuvB proteins that function as a DNA helicase promote branch migration of the Holliday junction.

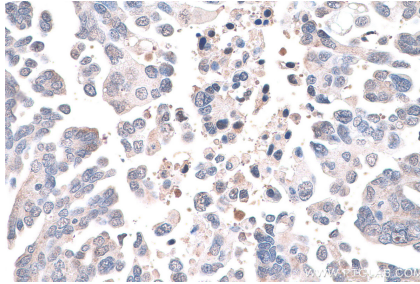
Synonyms

49 kDa TBP interacting protein, ECP 54, ECP54, INO80 complex subunit H, INO80H, Nuclear matrix protein 238, PONTIN, Pontin 52, Pontin52, RuvB like 1, RuvB like 1 (E. coli), RUVBL1, RVB1, TAP54 alpha, TIH1, TIP49, TIP49A

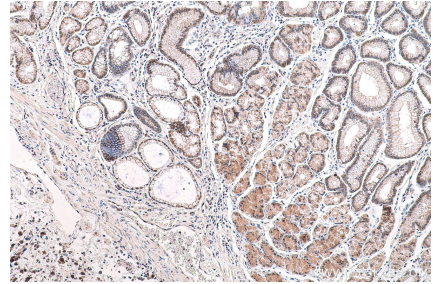
Selected Validation Data



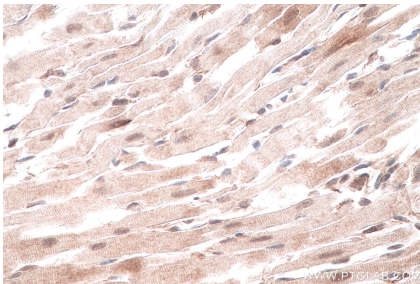
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0828 (RUVBL1 IHC Kit).



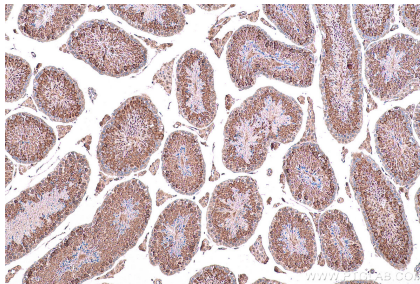
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0828 (RUVBL1 IHC Kit).



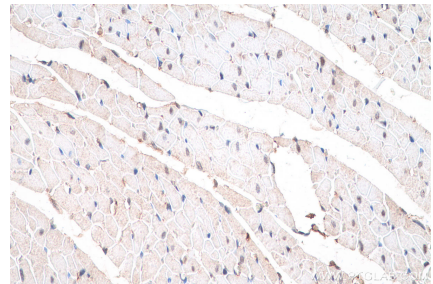
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0828 (RUVBL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0828 (RUVBL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC0828 (RUVBL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0828 (RUVBL1 IHC Kit).