

# IHC*easy* KAP1 Ready-To-Use IHC Kit

Catalog Number: **KHC1178**

## 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.

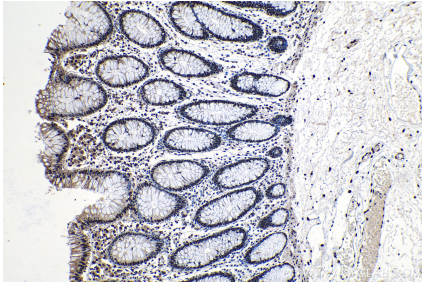
## Background

KAP1, also named as TRIM28 or RNF96, is a 835 amino acid protein, which contain one RING-type zinc finger, one PHD-type zinc finger, one bromo domain and two B box-type zinc fingers. KAP1 localizes in the nucleus and belongs to the TRIM/RBCC family. KAP1 is a nuclear corepressor for KRAB domain-containing zinc finger proteins and mediates gene silencing by recruiting CHD3, a subunit of the nucleosome remodeling and deacetylation (NuRD) complex, and SETDB1 to the promoter regions of KRAB target genes. KAP1 is expressed in all tissues tested including spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes.

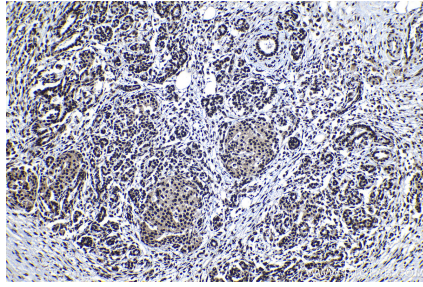
## Synonyms

KAP 1, KAP1, KRAB associated protein 1, KRAB interacting protein 1, KRIP 1, Nuclear corepressor KAP 1, RING finger protein 96, RNF96, TF1B, TIF1 beta, TIF1B, TRIM28, tripartite motif containing 28

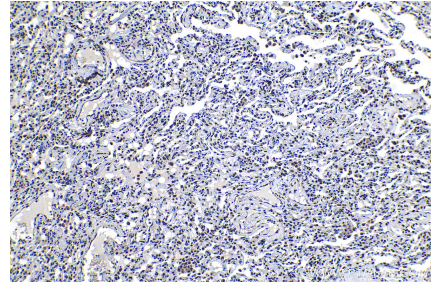
## Selected Validation Data



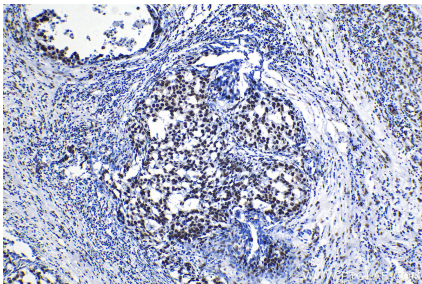
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1178 (KAP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC1178 (KAP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1178 (KAP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using KHC1178 (KAP1 IHC Kit).