

# IHC*easy* ALKBH3 Ready-To-Use IHC Kit

Catalog Number: **KHC0180**

## 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.

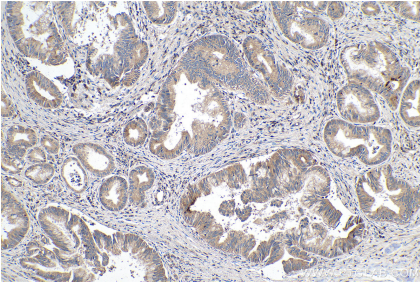
## Background

ALKBH3, also named as ABH3 and DEPC-1, is a dioxygenase that mediates demethylation of DNA and RNA containing 1-methyladenosine (m1A). It has a strong preference for single-stranded. ALKBH3 is requires molecular oxygen, alpha-ketoglutarate and iron.

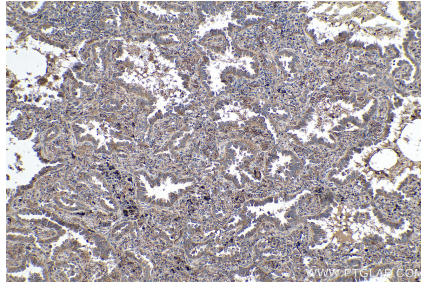
## Synonyms

ABH3, ALKBH3, DEPC 1, DEPC1, PCA1, Prostate cancer antigen 1

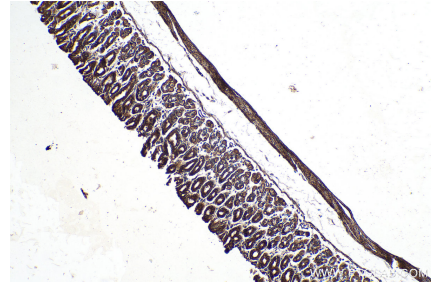
## Selected Validation Data



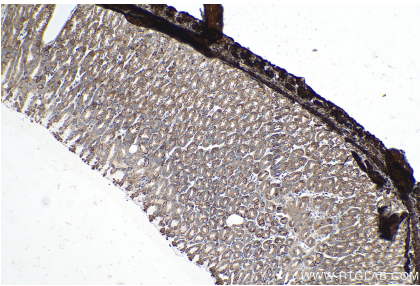
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0180 (ALKBH3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0180 (ALKBH3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC0180 (ALKBH3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC0180 (ALKBH3 IHC Kit).