

# IHCeasy<sup>®</sup> ALDH9A1 Ready-To-Use IHC Kit

Catalog Number: **KHC0887**

## General Information

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

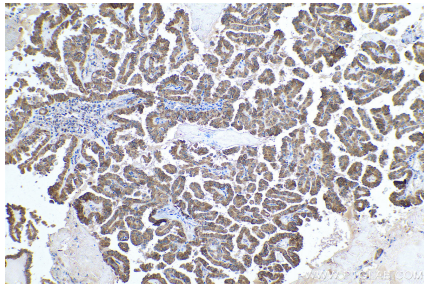
## Background

Aldehyde dehydrogenase 9 family member A1 (ALDH9A1), belongs to the aldehyde dehydrogenase family of proteins. ALDH9A1 has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. ALDH9A1 catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid.

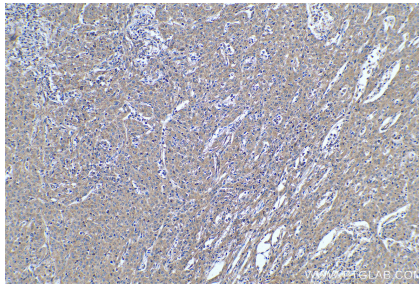
## Synonyms

ALDH4, ALDH7, ALDH9, ALDH9A1, E3, TMABADH

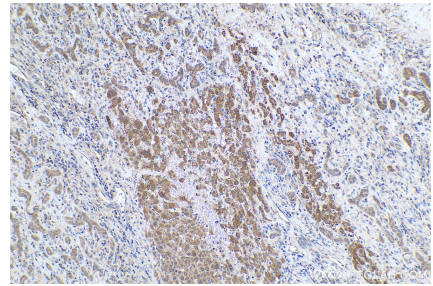
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC0887 (ALDH9A1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using KHC0887 (ALDH9A1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0887 (ALDH9A1 IHC Kit).