

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

Catalog Number: **KHC0553**

## 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.

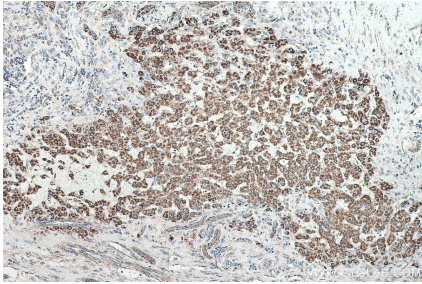
## Background

HADHA (Trifunctional enzyme subunit alpha, mitochondrial) is also named as HADH. It belongs to the enoyl-CoA hydratase/isomerase family in the N-terminal section and the 3-hydroxyacyl-CoA dehydrogenase family in the central section. It harbors the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Defects in HADHA are a cause of trifunctional protein deficiency (TFP deficiency) and long-chain 3-hydroxyl-CoA dehydrogenase deficiency (LCHAD deficiency) and maternal acute fatty liver of pregnancy (AFLP).

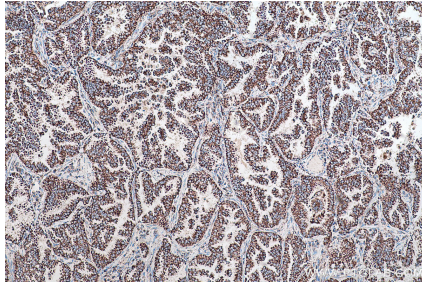
## Synonyms

78 kDa gastrin binding protein, ECHA, GBP, HADH, HADHA, LCHAD, MTPA, TP ALPHA

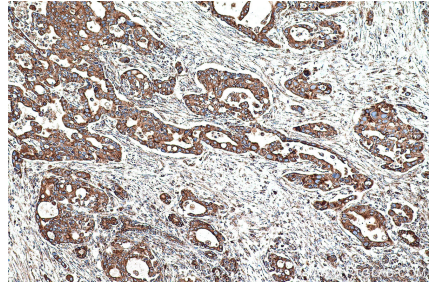
## Selected Validation Data



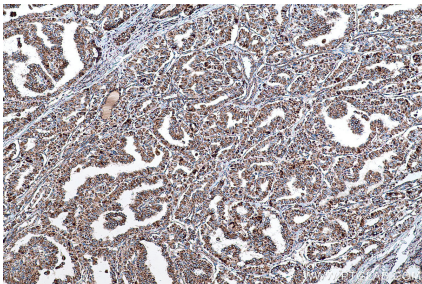
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0553 (HADHA IHC Kit).



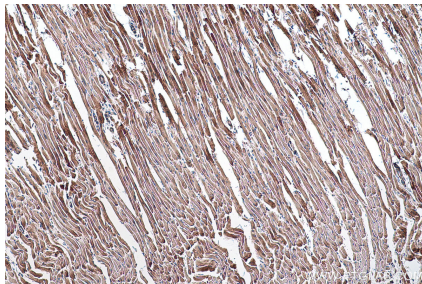
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0553 (HADHA IHC Kit).



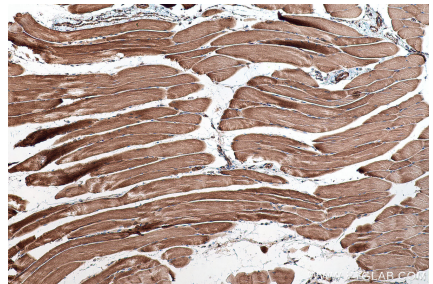
Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using KHC0553 (HADHA IHC Kit).



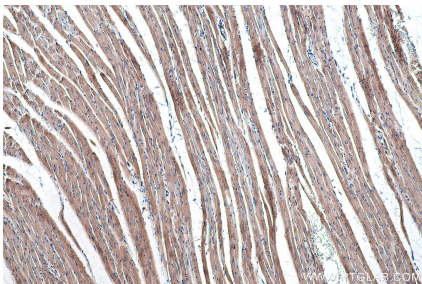
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC0553 (HADHA IHC Kit).



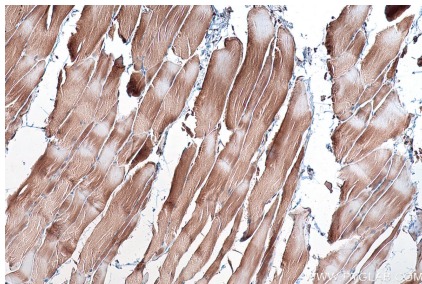
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0553 (HADHA IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC0553 (HADHA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0553 (HADHA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0553 (HADHA IHC Kit).