

IHCeasy[®] ALDOA Ready-To-Use IHC Kit

Catalog Number: **KHC0488**

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.

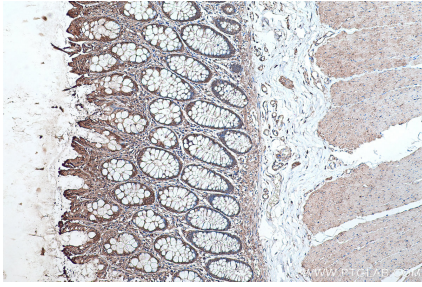
Background

ALDOA (Fructose-bisphosphate aldolase A) is also named as lung cancer antigen NY-LU-1, muscle-type aldolase, ALDA and belongs to the class I fructose-bisphosphate aldolase family. The ALDOA gene encodes a homotetrameric protein. It is found in skeletal muscle and red blood cells, and functions in glycolysis, promoting the reversible cleavage of FBP to triose phosphate, G-3-P and DHAP. ALDOA is upregulated in various cancers, including human lung squamous and renal cell carcinomas.

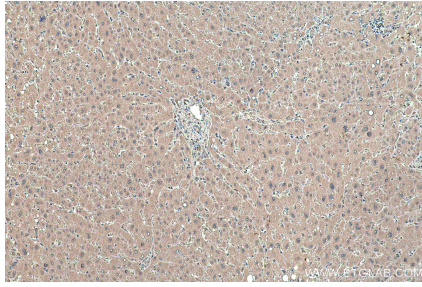
Synonyms

ALDA, ALDOA, Lung cancer antigen NY LU 1, Muscle type aldolase

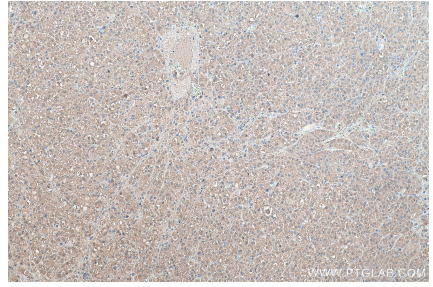
Selected Validation Data



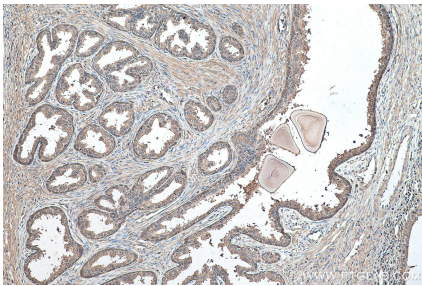
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC0488 (ALDOA IHC Kit).



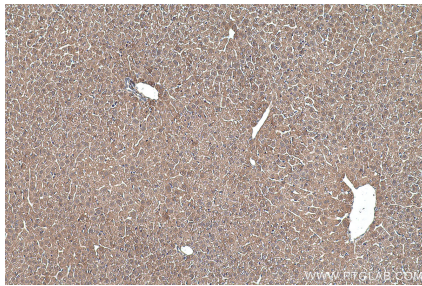
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0488 (ALDOA IHC Kit).



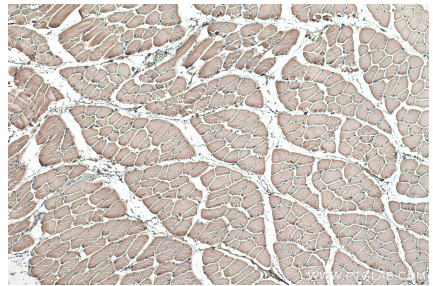
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0488 (ALDOA IHC Kit).



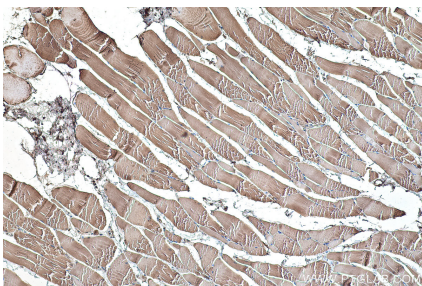
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using KHC0488 (ALDOA IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC0488 (ALDOA IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC0488 (ALDOA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0488 (ALDOA IHC Kit).