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IHC*easy* ALDOB Ready-To-Use IHC Kit

Catalog Number: KHC0489

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

Fructose-1,6-bisphosphate aldolase is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate.Vertebrates have 3 aldolase isozymes, aldolase A (ALDOA), B (ALDOB), and C (ALDOC). Deficiency of this enzyme ALDOB causes an accumulation of fructose-1-phosphate after fructose intake, which results in toxic symptoms like vomiting, hypoglycemia, jaundice, elevated liver enzymes and hepatomegaly. This antibody may detect ALDOA.

Synonyms

ALDB, ALDOB, Liver type aldolase

For technical support and original validation data for this product please contact:
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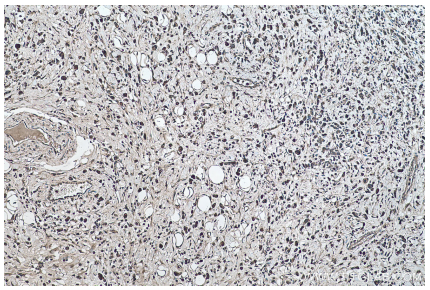
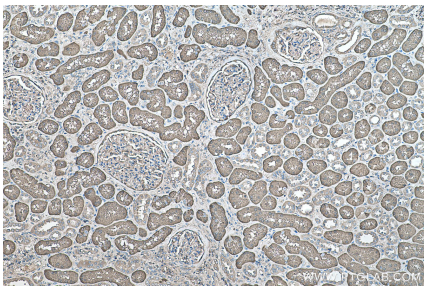
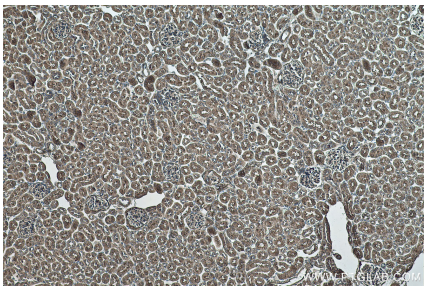
Selected Validation Data



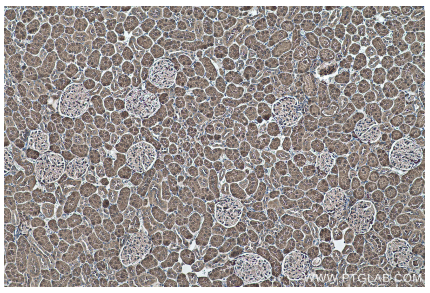
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC0489 (ALDOB IHC Kit).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHC0489 (ALDOB IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC0489 (ALDOB IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC0489 (ALDOB IHC Kit).