

# IHC*easy* FABP3 Ready-To-Use IHC Kit

Catalog Number: **KHC0099**

## 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

FABP3 (fatty-acid-binding protein 3), also known as heart-type FABP or mammary-derived growth inhibitor (MDGI), is a small 15-kDa cytoplasmic protein transporting fatty acids and other lipophilic substances from the cytoplasm to the nucleus. It is most ubiquitously expressed in heart and skeletal muscle. Recent studies finds that CSF FABP3 levels are increased at early phages of Alzheimer's disease (AD), Parkinson's disease (PD) as well as in dementia with Lewy bodies (DLB), suggests that FABP3 could be used as a predictive factor for progression to dementia in different neurological disorders and used in differential diagnosis between neurodegenerative disease in combination with other biomarkers.

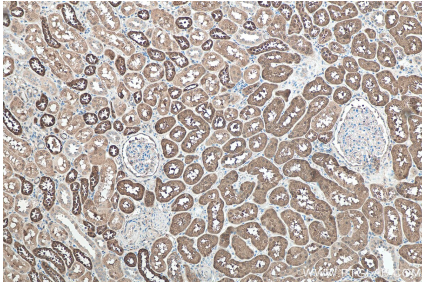
## Synonyms

FABP11, FABP3, Fatty acid binding protein 3, H FABP, M FABP, MDGI, O FABP

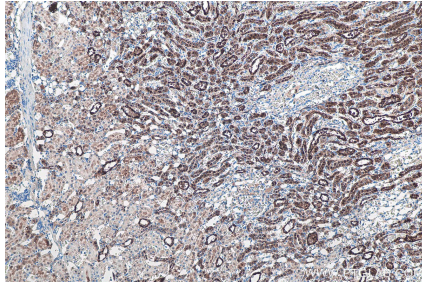
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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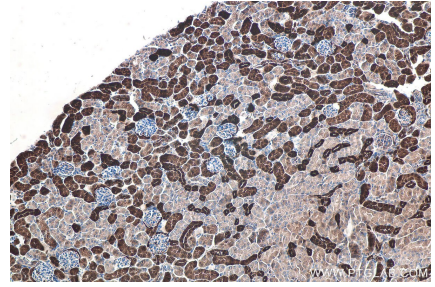
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using KHCO099 (FABP3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHCO099 (FABP3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHCO099 (FABP3 IHC Kit).