

# IHC*easy* CAPN3 Ready-To-Use IHC Kit

Catalog Number: **KHC0318**

## 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.

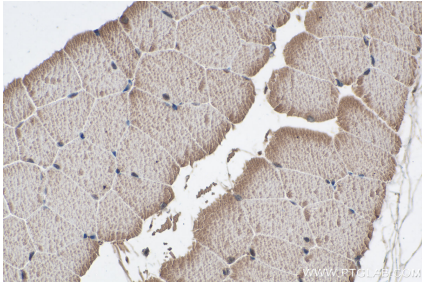
## Background

Calpain 3 (CAPN3), a major intracellular protease, is a muscle-specific member of the calpain large subunit family that specifically binds to titin. CAPN3 plays a role in the dysferlin protein complex and that disruption of CAPN3 function may affect muscle membrane repair and remodeling.

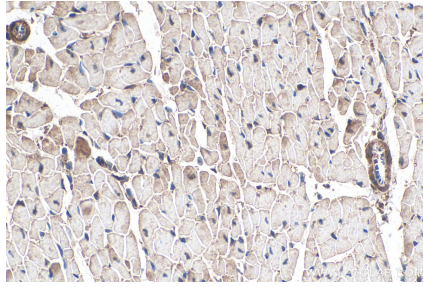
## Synonyms

Calpain 3, calpain 3, (p94), Calpain L3, Calpain p94, CANP 3, CANP3, CANPL3, CAPN3, LGMD2, LGMD2A, nCL 1, NCL1, New calpain 1, p94

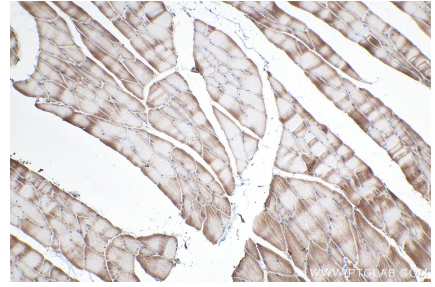
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using KHC0318 (CAPN3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0318 (CAPN3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using KHC0318 (CAPN3 IHC Kit).