

IHC*easy* PABPN1 Ready-To-Use IHC Kit

Catalog Number: **KHC0316**

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.

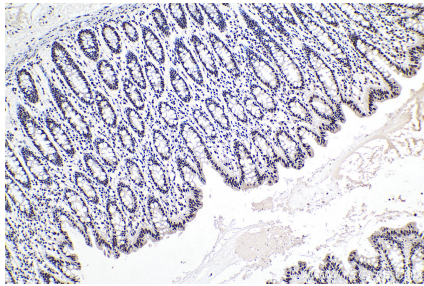
Background

Poly(A) Binding Protein Nuclear 1(PABPN1) is one of the isoforms of poly(A) binding protein (PABP) that locating to the nucleus in eukaryotic cells. And PABPN1 plays important role in mRNA stability by regulating of poly-A tail length, mRNA decay and proximal polyadenylation site (PAS) utilization at the 3'-UTR. Another report showed that PABPN1 shuttles between the nucleus and the cytoplasm to export poly(A) RNA from the nucleus. It is reported that PABPN1 is ubiquitously expressed in almost all tissues, however, mutations in PABPN1 causes Oculopharyngeal Muscular Dystrophy (OPMD) which affected in skeletal muscles specifically. Because of a mild reduction in PABPN1 levels is sufficient to induce muscle wasting.

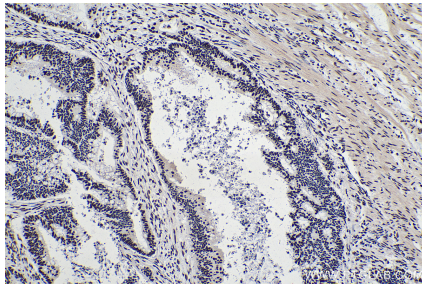
Synonyms

OPMD, PAB2, PABII, PABP 2, PABP2, PABPN1, Poly(A) binding protein 2, Poly(A) binding protein II

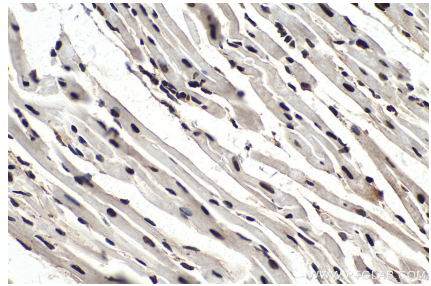
Selected Validation Data



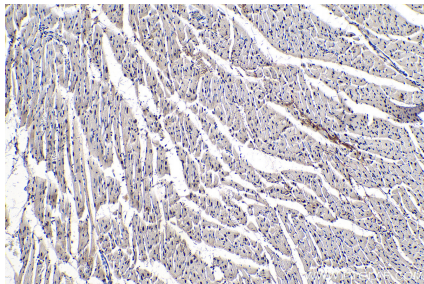
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC0316 (PABPN1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0316 (PABPN1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC0316 (PABPN1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC0316 (PABPN1 IHC Kit).