



IHCeasy APOOL Ready-To-Use IHC Kit

Catalog Number: KHC1352

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

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.

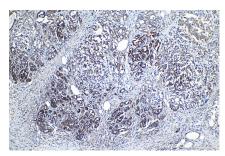
Background

APOOL, the component of the MICOS complex, is a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Specifically binds to cardiolipin (in vitro) but not to the precursor lipid phosphatidylglycerol. Plays a crucial role in crista junction formation and mitochondrial function.

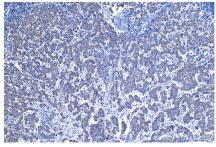
Synonyms

apolipoprotein O like, APOOL, CXorf33, FAM121A, MIC27, Protein FAM121A, UNQ8193

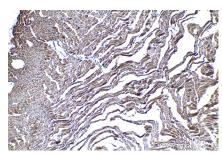
Selected Validation Data



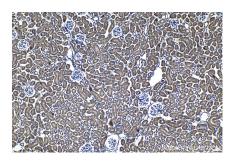
Immunohistochemical analysis of paraffinembedded human pancreas cancer tissue slide using KHC1352 (APOOL IHC Kit).



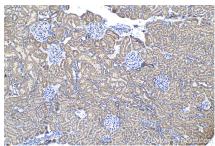
Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using KHC1352 (APOOL IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse heart tissue slide using KHC1352 (APOOL IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse kidney tissue slide using KHC1352 (APOOL IHC Kit).



Immunohistochemical analysis of paraffinembedded rat kidney tissue slide using KHC1352 (APOOL IHC Kit).