

IHC*easy* EIF3C Ready-To-Use IHC Kit

Catalog Number: **KHC0168**

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.

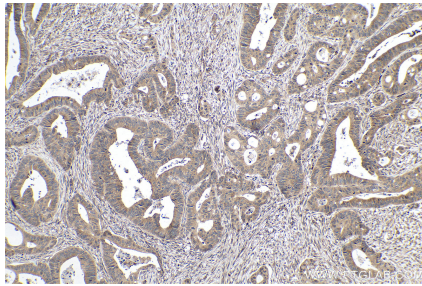
Background

Eukaryotic initiation factor (EIF3) complex is the largest of the eIFs and consists of more than 10 nonidentical subunit, and is required for several steps in the initiation of protein synthesis. It associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNAi and eIF-5 to form the 43S preinitiation complex (43S PIC). Also it can stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of posttermination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. EIF3C is one subunit of EIF3 complex.

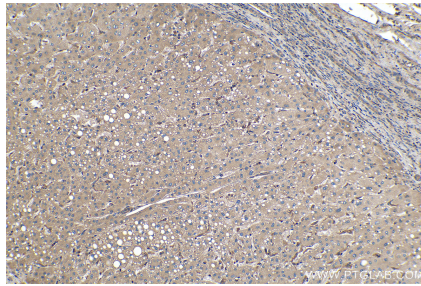
Synonyms

eIF3 p110, EIF3C, EIF3CL, EIF3S8

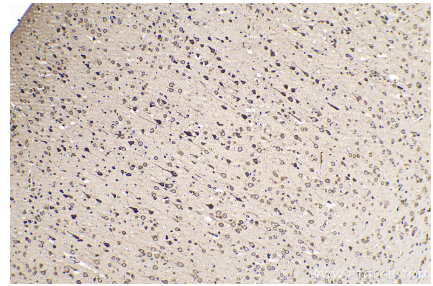
Selected Validation Data



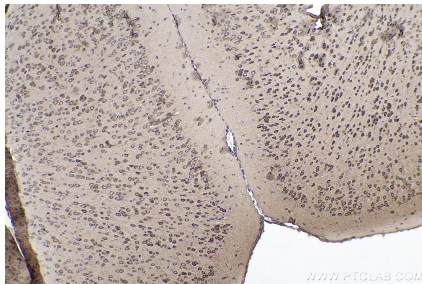
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0168 (EIF3C IHC Kit).



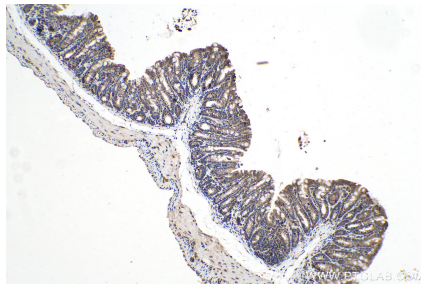
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0168 (EIF3C IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC0168 (EIF3C IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC0168 (EIF3C IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC0168 (EIF3C IHC Kit).