

IHC*easy* EIF4G1 Ready-To-Use IHC Kit

Catalog Number: **KHC1206**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
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.

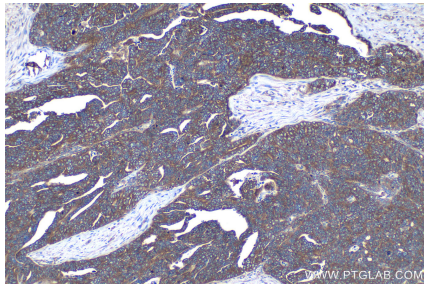
Background

Eukaryotic cellular messenger RNAs are posttranscriptionally modified by addition of an m(7)GTP moiety to the 5-prime terminus, referred to as a cap. Recognition of the cap structure and unwinding of mRNA secondary structure during the initiation phase of protein synthesis is catalyzed by initiation factors of the eIF4 group. EIF4G1, a subunit of eIF4 gamma, forms various complexes with the other eIF4 polypeptides. Mutations in the EIF4G1 gene, encoding a component of the eIF4F translation initiation complex, were recently reported as a possible cause for the autosomal dominant form of Parkinson's disease.

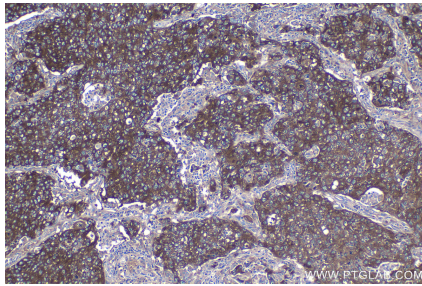
Synonyms

eIF 4 gamma 1, eIF 4G 1, eIF 4G1, EIF4F, EIF4G, EIF4G1, EIF4GI, p220

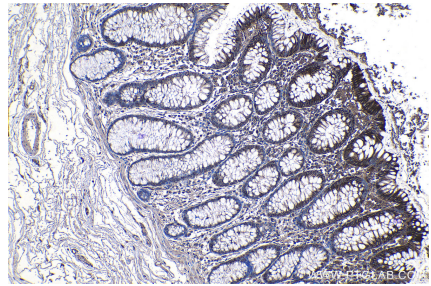
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC1206 (EIF4G1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1206 (EIF4G1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using KHC1206 (EIF4G1 IHC Kit).