



IHCeasy 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.

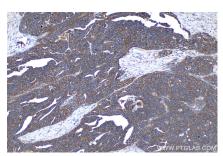
Background

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.

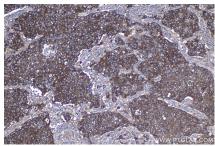
Synonyms

elF 4 gamma 1, elF 4G 1, elF 4G1, ElF4F, ElF4G, ElF4G1, ElF4G1, p220

Selected Validation Data



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



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



Immunohistochemical analysis of paraffinembedded human colon tissue slide using KHC1206 (EIF4G1 IHC Kit).