

IHCeasy[®] STAG1 Ready-To-Use IHC Kit

Catalog Number: **KHC2735**

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.

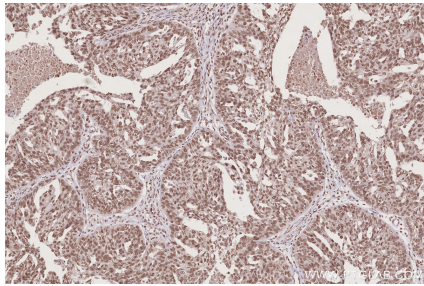
Background

STAG1, also named as SCC3 homolog 1, is a 1258 amino acid protein, which belongs to the SCC3 family. STAG1 interacts directly with RAD21 in cohesin complex and localizes in nucleus. STAG1 is a Component of cohesin complex, which is required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The cohesin complex may also play a role in spindle pole assembly during mitosis.

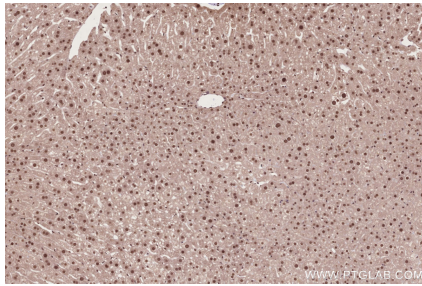
Synonyms

His SA, STAG1, Cohesin subunit SA 1, Cohesin subunit SA-1, SA1

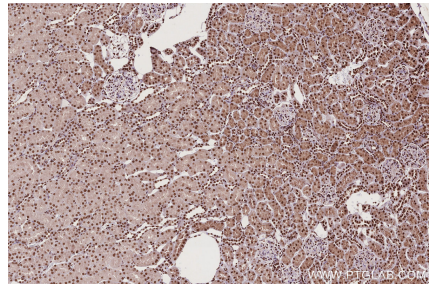
Selected Validation Data



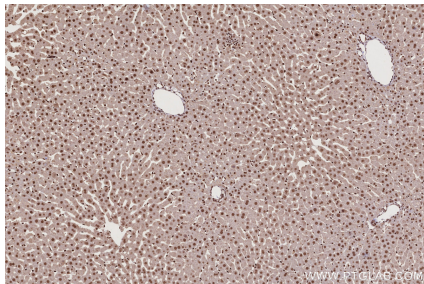
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC2735 (STAG1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC2735 (STAG1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC2735 (STAG1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using KHC2735 (STAG1 IHC Kit).