

IHC*easy* ERCC2 Ready-To-Use IHC Kit

Catalog Number: **KHC2197**

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	

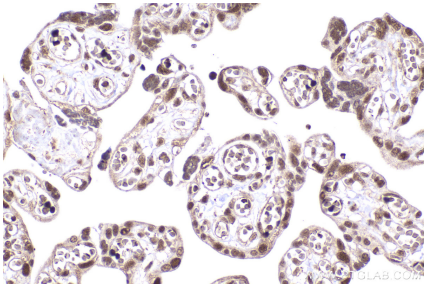
Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

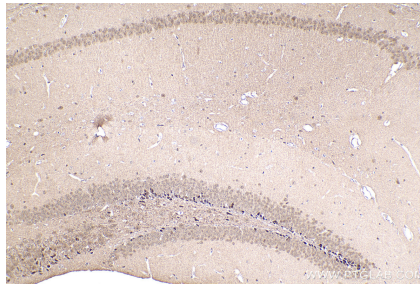
Background

Excision-repair complementing defective in Chinese hamster 2(ERCC2), belongs to the nucleotide excision repair pathway, is a component of the TFIIH transcription complex and required for the association of the CDK-activating kinase(CAK) subcomplex with TFIIH. Since TFIIH is involved in both DNA repair and cell cycle progression, ERCC2 is implicated to play an integral role in the nucleotide excision repair pathway. Also it involves in the regulation of vitamin-D receptor activity. As a part of the mitotic spindle-associated MMXD complex, ERCC2 has a role in chromosome segregation.

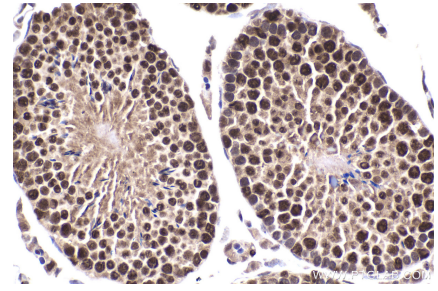
Selected Validation Data



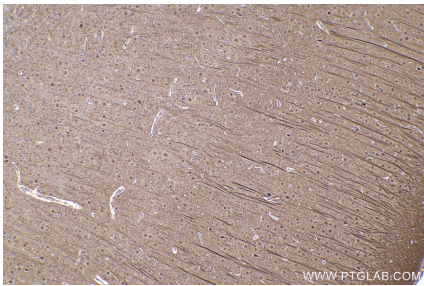
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2197 (ERCC2 IHC Kit).



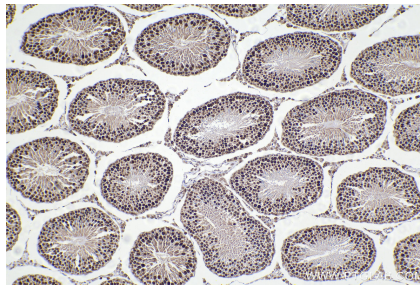
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC2197 (ERCC2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC2197 (ERCC2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2197 (ERCC2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC2197 (ERCC2 IHC Kit).