

# IHC*easy* XRN2 Ready-To-Use IHC Kit

Catalog Number: **KHC1381**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human, Mouse, Rat  
Cited Reactivity:

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Mouse Monoclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Mouse

## 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.

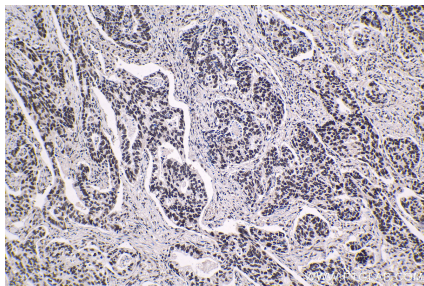
## Background

XRN2 is one exonuclease that degrades the Pol II associated product of poly(A) site cleavage, which is crucial for Pol II termination. During transcription termination, XRN2 cleavages at the polyadenylation site liberates a 5' fragment which is subsequently processed to form the mature mRNA and a 3' fragment which remains attached to the elongating polymerase. The processive degradation of this 3' fragment by this protein may promote termination of transcription.

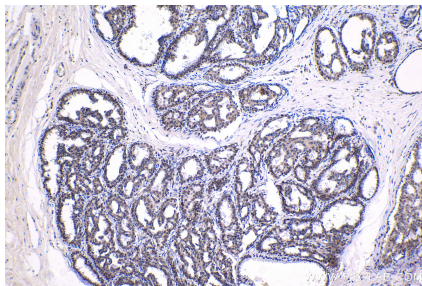
## Synonyms

5' 3' exonuclease 2, 5' 3' exonuclease 2, DHM1 like protein, DHP protein, XRN2

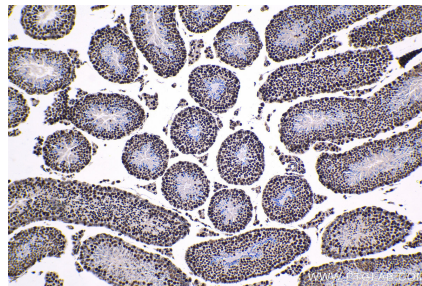
## Selected Validation Data



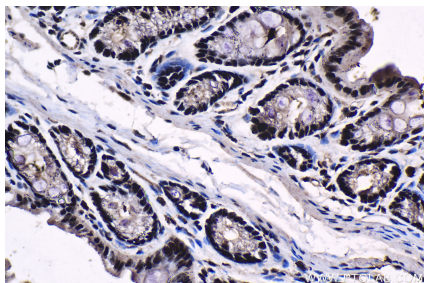
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1381 (XRN2 IHC Kit).



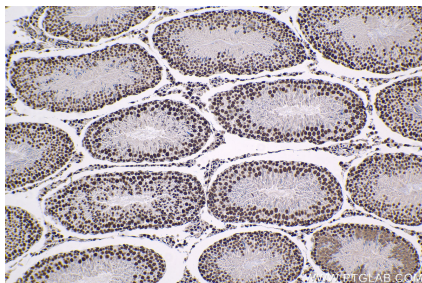
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using KHC1381 (XRN2 IHC Kit).



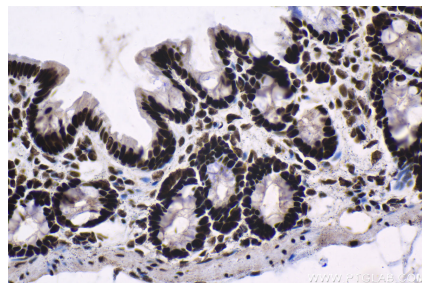
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC1381 (XRN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC1381 (XRN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using KHC1381 (XRN2 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using KHC1381 (XRN2 IHC Kit).