

# IHC*easy* ZCCHC8 Ready-To-Use IHC Kit

Catalog Number: **KHC2584**

## 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.

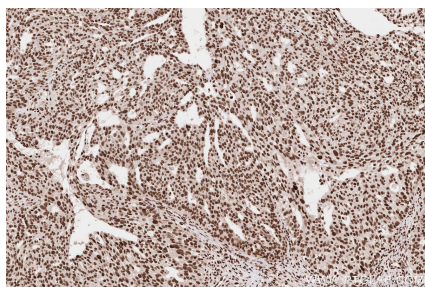
## Background

The eukaryotic RNA exosome participates extensively in RNA processing and degradation. In human cells, three accessory factors (RBM7, ZCCHC8 and hMTR4) interact to form the nuclear exosome targeting (NEXT) complex, which directs a subset of non-coding RNAs for exosomal degradation. ZCCHC8 acts as a scaffold, mediating the interaction between RBM7 and MTR4. NEXT is involved in exosome-mediated surveillance and decay of noncoding RNAs, such as enhancer RNAs (eRNAs) and aberrant 3' -extended transcripts from small nuclear RNA (snRNA), telomerase RNA, and replication-dependent histone genes. NEXT is an important node in regulating nuclear exosome activities and takes part in several biological processes, including DNA damage response, stress response, and viral ribogenesis. ZCCHC8 also has a robust interaction with YTHDC1.

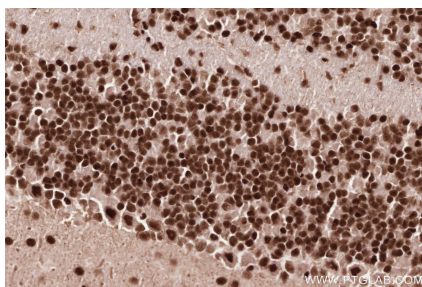
## Synonyms

ZCCHC8, TRAMP-like complex RNA-binding factor ZCCHC

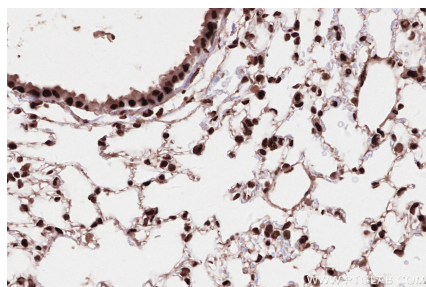
## Selected Validation Data



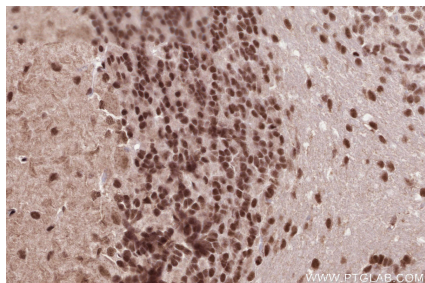
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC2584 (ZCCHC8 IHC Kit).



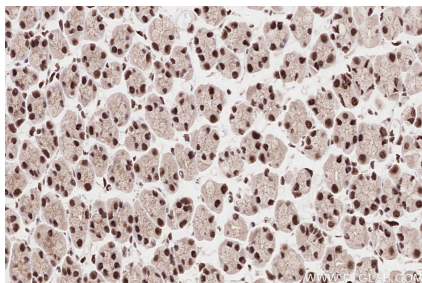
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using KHC2584 (ZCCHC8 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC2584 (ZCCHC8 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using KHC2584 (ZCCHC8 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2584 (ZCCHC8 IHC Kit).