

# IHCeasy<sup>®</sup> RNF114 Ready-To-Use IHC Kit

Catalog Number: **KHC3082**

## General Information

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

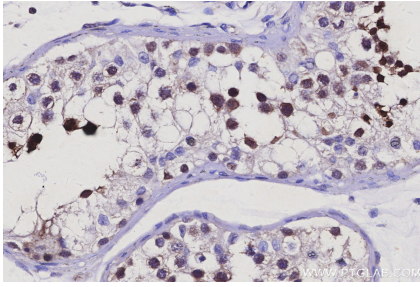
## Background

RNF114, also known as ZNF228 or ZNF313, is a member of the zinc-binding protein family. RNF114 contains two C2H2 and Ring finger zinc-binding domains and a ubiquitin-interacting motif (UIM). RNF114 functions as an E3 ligase in the ubiquitin-proteasome system and plays an important role in basic cellular processes in different types of cells. RNF114 is expressed widely in many normal tissues, such as the heart, liver, and kidney. RNF114 is a novel determinant of psoriasis susceptibility, and its overexpression is a crucial indicator of epithelial inflammation.

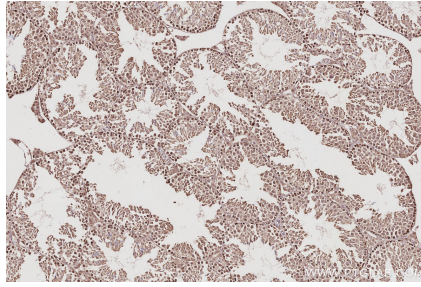
## Synonyms

E3 ubiquitin-protein ligase RNF114, EC:2.3.2.27, PSORS12, RING-type E3 ubiquitin transferase RNF114, ZNF228

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using KHC3082 (RNF114 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC3082 (RNF114 IHC Kit).