

# IHC*easy* CEP162 Ready-To-Use IHC Kit

Catalog Number: **KHC1779**

## 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.

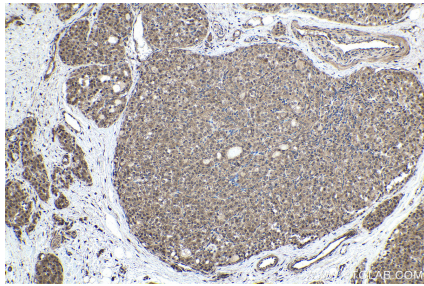
## Background

CEP162, also known as KIAA1009 and QN1, was found in organisms ranging from trypanosomes to vertebrates. A role for CEP162, involved in required to promote assembly of the transition zone in primary cilia. CEP162 acts by specifically recognizing and binding the axonemal microtubule. CEP162 localizes to the distal ends of centrioles before ciliogenesis and directly binds to axonemal microtubule, thereby promoting and restricting transition zone formation specifically at the cilia base.

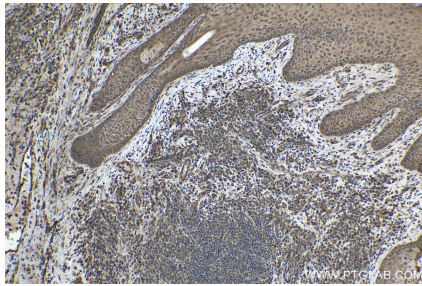
## Synonyms

C6orf84, CEP162, FLJ13551, KIAA1009, Protein QN1 homolog, QN1

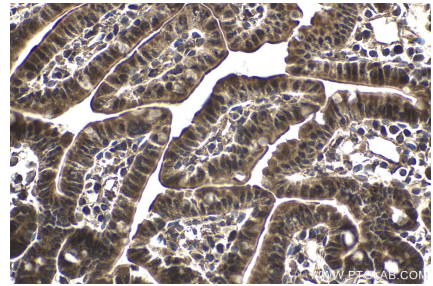
## Selected Validation Data



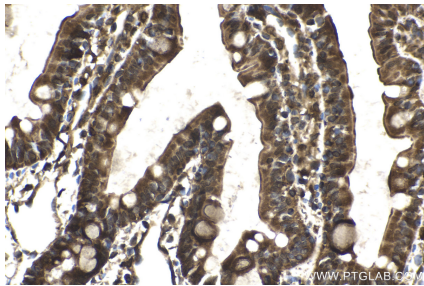
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1779 (CEP162 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using KHC1779 (CEP162 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1779 (CEP162 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1779 (CEP162 IHC Kit).