

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

Catalog Number: **KHC0868**

## 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.

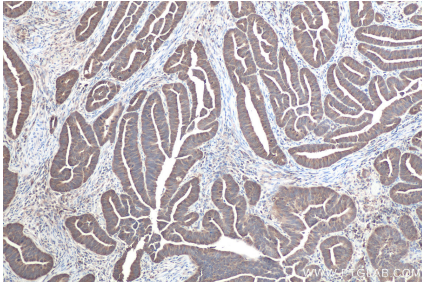
## Background

CACYBP (Calcyclin-binding protein) is also named as S100A6BP, SIP. It is a new target that can interact with S100 proteins, including S100A6, S100A1, S100B, and S100P, but not to S100A4, calbindin D, parvalbumin or calmodulin. It may be involved in calcium-dependent ubiquitination and subsequent proteasomal degradation of target proteins and probably serves as a molecular bridge in ubiquitin E3 complex. It has 2 isoforms produced by alternative splicing and can exist as a dimer.

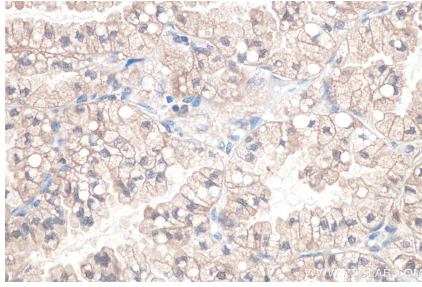
## Synonyms

CACYBP, calcyclin binding protein, GIG5, hCacyBP, PNAS 107, RP1 102G20.6, S100A6 binding protein, S100A6BP, Siah interacting protein, SIP

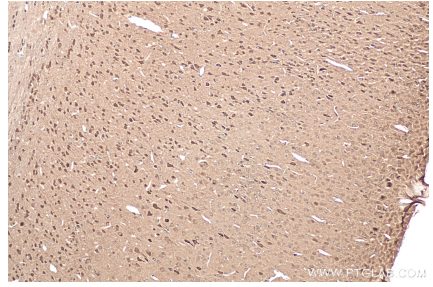
## Selected Validation Data



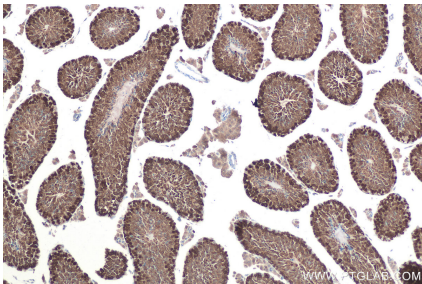
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0868 (CACYBP IHC Kit).



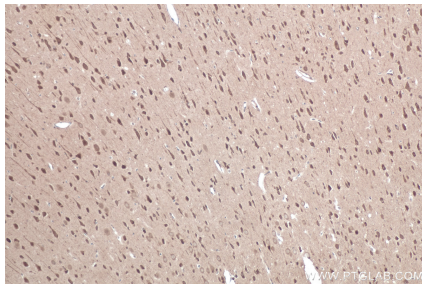
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0868 (CACYBP IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC0868 (CACYBP IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using KHC0868 (CACYBP IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC0868 (CACYBP IHC Kit).