

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

Catalog Number: **KHC2933**

## 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.

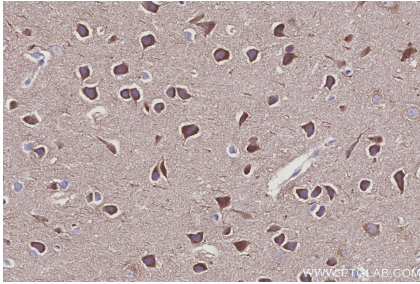
## Background

GOPC (FIG/PIST/CAL) is a PDZ-domain scaffolding protein that regulates the trafficking of many integral membrane proteins, including cell surface receptors, ion channels and adhesion molecules. GOPC localizes to the trans-Golgi network (TGN) but not to the cis- or trans-Golgi cisternae, thus anti-GOPC can be used to label the TGN structure.

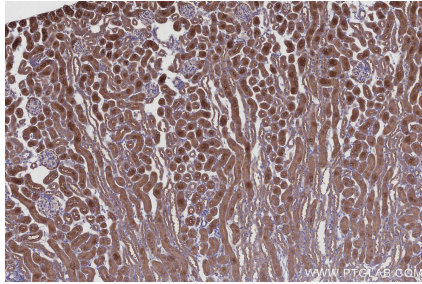
## Synonyms

CAL, CFTR-associated ligand, FIG, Golgi-associated PDZ and coiled-coil motif-containing protein, GOPC1

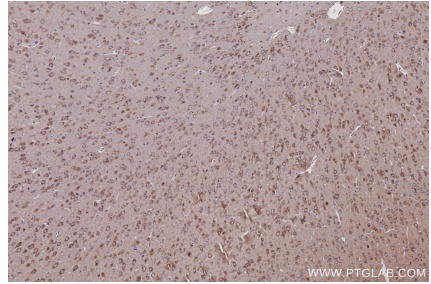
## Selected Validation Data



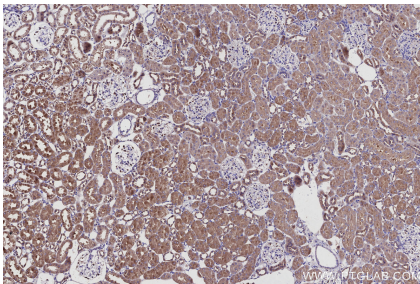
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC2933 (GOPC IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC2933 (GOPC IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2933 (GOPC IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC2933 (GOPC IHC Kit).