## **GOPC Rabbit Polyclonal Antibody**



## **CAB13436**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

51kDa

Calculated MW:

35kDa/49kDa/50kDa

WB IHC IF

**Applications:** 

Reactivity:

Human, Mouse

**Protein Background** 

This gene encodes a Golgi protein with a PDZ domain. The PDZ domain is globular and proteins which contain them bind other proteins through short motifs near the C-termini. Mice which are deficient in the orthologous protein have globozoospermia and are infertile. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen information

**Gene ID:** 57120

**Uniprot** Q9HD26

Synonyms:

GOPC; CAL; FIG; GOPC1; PIST; dJ94G16.2

**Antibody Information** 

**Recommended dilutions:** 

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

**Isotype:** IgG

**Purification:** 

Affinity purification

Immunogen:

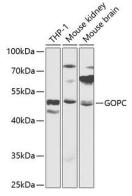
Recombinant fusion protein containing a sequence corresponding to amino acids 195-454 of human GOPC (NP\_001017408.1).

Storage:

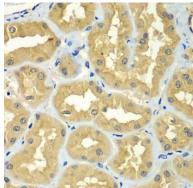
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

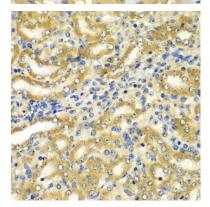
## **Product Images**



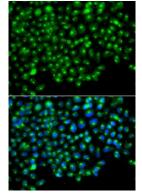
Western blot analysis of extracts of various cell lines, using GOPC antibody (CAB13436) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human kidney using GOPC antibody (CAB13436) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using GOPC antibody (CAB13436) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of A549 cells using GOPC antibody (CAB13436). Blue: DAPI for nuclear staining.