COG2 Rabbit Polyclonal Antibody

CAB6251

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

88kDa

Calculated MW:

83kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a subunit of the conserved oligomeric Golgi complex that is required for maintaining normal structure and activity of the Golgi complex. The encoded protein specifically interacts with the USO1 vesicle docking protein and may be necessary for normal Golgi ribbon formation and trafficking of Golgi enzymes. Mutations of this gene are associated with abnormal glycosylation within the Golgi apparatus. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:
22796

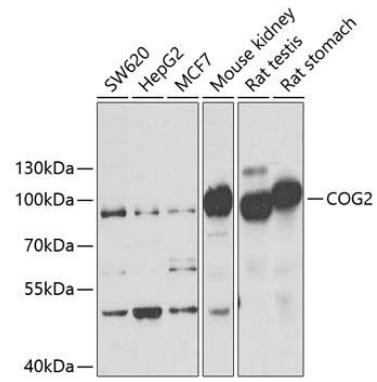
Uniprot
Q14746

Synonyms:
COG2; LDLC; CDG2Q

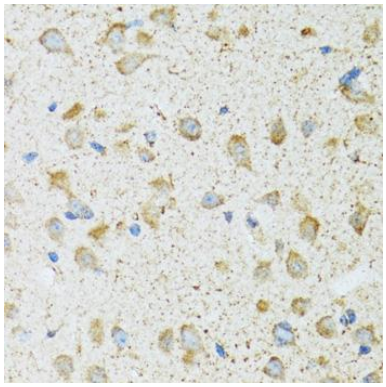
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human COG2 (NP_031383.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

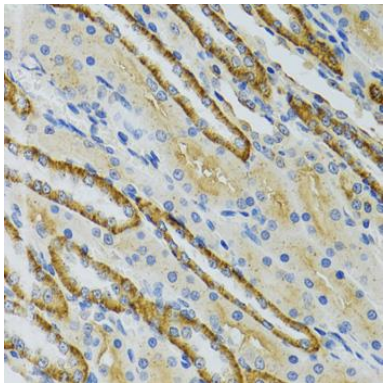
Product Images



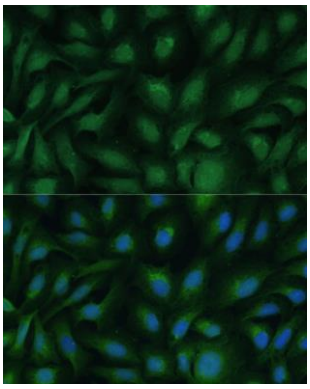
Western blot analysis of extracts of various cell lines, using COG2 antibody (CAB6251) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 80s.



Immunohistochemistry of paraffin-embedded rat brain using COG2 antibody (CAB6251) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using COG2 antibody (CAB6251) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U-2 OS cells using COG2 Polyclonal Antibody (CAB6251) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

