GM130 Rabbit Polyclonal Antibody



CAB5344

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

145kDa

Calculated MW:

70kDa/113kDa

Applications:

WB IF IP

Reactivity:

Human, Mouse, Rat

Protein Background

The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi. This encoded protein has been postulated to play roles in the stacking of Golgi cisternae and in vesicular transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined.

Immunogen information

Gene ID:

2801

Uniprot

Q08379

Synonyms:

GOLGA2; GM130; golgin A2

Antibody Information

Recommended dilutions: WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:50 - 1:100

Source:

Rabbit

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 20-300 of human GM130 (NP_004477.3).

Isotype:

lgG

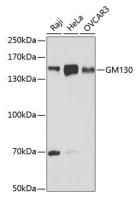
Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

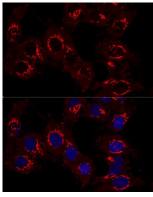
Purification:

Affinity purification

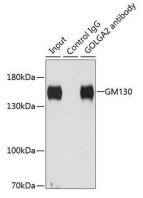
Product Images



Western blot analysis of extracts of various cell lines, using GM130 antibody (CAB5344) 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: 60s.



Confocal immunofluorescence analysis of Hela cells using GM130 antibody (CAB5344) at dilution of 1:400. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3 ug GM130 antibody (CAB5344). Western blot was performed from the immunoprecipitate using GM130 antibody (CAB5344) at a dilition of 1:1000.