

COPG2 Rabbit pAb

Catalog No.: A15817

Basic Information

Observed MW

105kDa

Calculated MW

98kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

Predicted to enable structural molecule activity. Involved in intra-Golgi vesicle-mediated transport. Part of COPI vesicle coat.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

26958

Swiss Prot

Q9UBF2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 542-871 of human COPG2 (NP_036265.3).

Synonyms

2-COP; gamma-2-COP; COPG2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

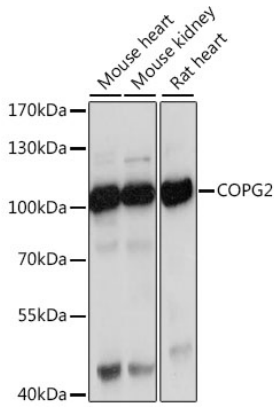
Affinity purification

Storage

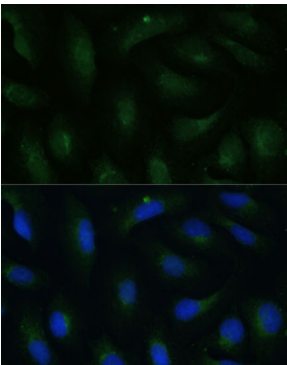
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

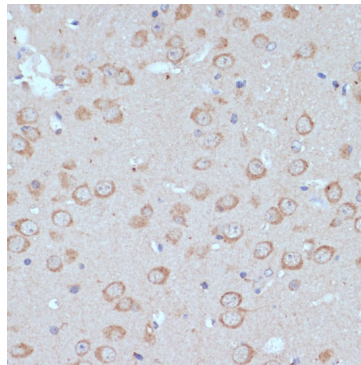
Validation Data



Western blot analysis of various lysates using COPG2 Rabbit pAb (A15817) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of U-2 OS cells using COPG2 Rabbit pAb (A15817) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded mouse brain using COPG2 Rabbit pAb (A15817) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.