

alpha COP Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Published Species	Non-human primate, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues M(1) L T K F E T K S A R V K G L S F H P(19) C of rat alpha-COP.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2081286

Applications	Tested Dilution	Publications
Western Blot (WB)	1 µg/mL	1 Publication
Immunocytochemistry (ICC/IF)	3 µg/mL	-
Immunoprecipitation (IP)	-	1 Publication

Product Specific Information

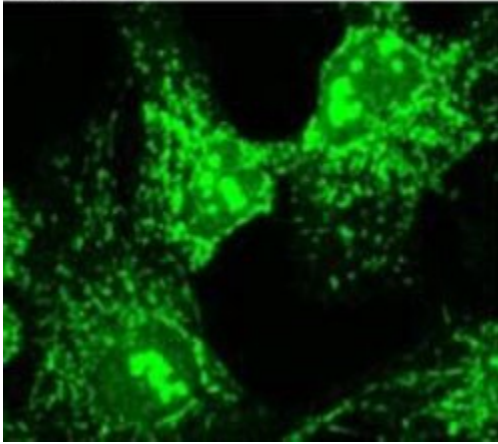
PA1-067 detects coatmer-protein I alpha (COPI alpha) from human and rat cells.

PA1-067 has been successfully used in Western blot and immunocytochemistry procedures. By Western blot, this antibody detects an ~140 kDa protein representing COP alpha from PC-12 cell extract. This antibody also detects an unidentified protein at ~100 kDa. Immunocytochemical staining of alpha-COP using PA1-067 results in alpha-COP localization to the Golgi complex and to distinct vesicular structures scattered throughout the cytoplasm.

PA1-067 immunogen is a synthetic peptide corresponding to residues M(1) L T K F E T K S A R V K G L S F H P(19) C of rat alpha-COP. The PA1-067 immunizing peptide (Cat. # PEP-125) is available for use in neutralization and control experiments.

Product Images For alpha COP Polyclonal Antibody

Fig. 1



alpha COP Antibody (PA1-067) in ICC/IF
Immunolocalization of COP alpha in HeLa cells using Product # PA1-067.

2 References

Western Blot (1)

The Journal of biological chemistry

The human phosphatidylinositol phosphatase SAC1 interacts with the coatamer I complex.

"PA1-067 was used in western blot to investigate the association between the human phosphatidylinositol phosphatase SAC1 and the coatamer I complex."

Authors: Rohde HM,Cheong FY,Konrad G,Paiha K,Mayinger P,Boehmelt G

Species

Human
Not Applicable

Dilution

Not Cited
Not Cited

Year

2003

Immunoprecipitation (1)

The Journal of biological chemistry

Intracellular trafficking of KA2 kainate receptors mediated by interactions with coatamer protein complex I (COPI) and 14-3-3 chaperone systems.

"PA1-067 was used in immunoprecipitation to the mechanism for the intracellular trafficking of KA2 kainate receptors ."

Authors: Vivithanaporn P,Yan S,Swanson GT

Species

Non-human
primate

Dilution

Not Cited

Year

2006

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