

COPA Rabbit Polyclonal Antibody



CAB16821

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

110kDa

Calculated MW:

Protein Background

In eukaryotic cells, protein transport between the endoplasmic reticulum and Golgi compartments is mediated in part by non-clathrin-coated vesicular coat proteins (COPs). Seven coat proteins have been identified, and they represent subunits of a complex known as coatomer. The subunits are designated alpha-COP, beta-COP, beta-prime-COP, gamma-COP, delta-COP, epsilon-COP, and zeta-COP. The alpha-COP, encoded by COPA, shares high sequence similarity with RET1P, the alpha subunit of the coatomer complex in yeast. Also, the N-terminal 25 amino acids of alpha-COP encode the bioactive peptide, xenin, which stimulates exocrine pancreatic secretion and may act as a gastrointestinal hormone. Alternative splicing results in multiple splice forms encoding distinct isoforms.

Applications:

WB

Reactivity:

Mouse

Immunogen information

Gene ID:

1314

Uniprot

P53621

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Synonyms:

COPA; AILJK; HEP-COP

Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 550-650 of human COPA (NP_001091868.1).

Storage:

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

Product Images

Western blot - COPA Rabbit pAb (CAB16821)

