

## Rabbit anti-Human, Mouse COPA Polyclonal Antibody | anti-COPA antibody

Rabbit anti-COPA Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS |
|-----------|--------|--------------|--------------|
| AAA212738 | Rabbit | Human, Mouse | Western Blot |

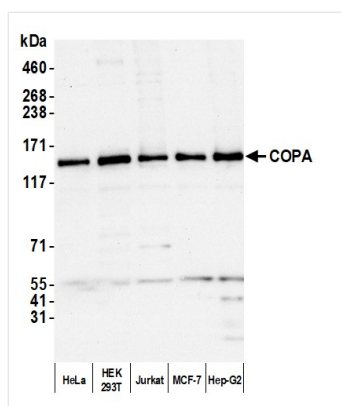
### PRODUCT SYNONYMS

COPA; Polyclonal Antibody; Rabbit anti-COPA Antibody; Affinity Purified; coatomer subunit alpha; HEP-COP; proxenin; HEP-COP; Alpha-coat protein; alpha coat protein; AILJK; alpha-COP; xenin; Coatomer subunit alpha; coatomer protein complex subunit alpha; anti-COPA antibody

### PRODUCT SPECIFICATIONS

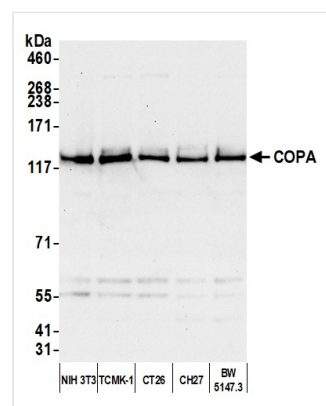
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse                                                                              |
| Clonality                                      | Polyclonal                                                                                |
| Purity/Purification                            | Antigen Affinity Purified                                                                 |
| Form/Format                                    | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                  | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-COPA antibody | WB (Western Blot)                                                                         |
| Predicted Reactivity                           | Bovine                                                                                    |
| Immunogen                                      | Between 1174 and C-terminus                                                               |
| Conjugation                                    | Unconjugated                                                                              |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human COPA by western blot. Samples: Whole cell lysate (10 ug) from HeLa, HEK293T, Jurkat, MCF-7, and Hep-G2 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-COPA antibody (AAA212738 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



#### WB (Western Blot)

Detection of mouse COPA by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, TCMK-1, CT26, CH27, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-COPA antibody (AAA212738 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-COPA antibody | 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 [taken from NCBI Entrez Gene (Gene ID: 1314)]. |
| Product Categories/Family for anti-COPA antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                            |                        |
|----------------------------|------------------------|
| NCBI GeneID                | 1314                   |
| UniProt Accession #        | P53621                 |
| UniProt Protein Name       | Coatomer subunit alpha |
| UniProt Gene Name          | COPA                   |
| UniProt Synonym Gene Names | Alpha-COP; HEPCOP      |
| UniProt Entry Name         | COPA_HUMAN             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/copa-antibody-western-blot-elisa/212738>