

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

COPE Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA176461 | Rabbit | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

COPE; Polyclonal Antibody; COPE Polyclonal Antibody; 1110005D17Rik; Coatomer epsilon subunit; Coatomer protein complex subunit epsilon; Coatomer subunit epsilon; Cope1; Epsilon coat protein; Epsilon COP; Epsilon COP I; Epsilon subunit of coatomer protein complex; Epsilon-coat protein; Epsilon-COP; FLJ13241; anti-COPE antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                         |
|------------------------------------------------|---------------------------------------------------------|
| Host                                           | Rabbit                                                  |
| Reactivity                                     | Human, Mouse                                            |
| Clonality                                      | Polyclonal                                              |
| Isotype                                        | IgG                                                     |
| Purity/Purification                            | Antigen Affinity Purification                           |
| Form/Format                                    | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                  | 0.84mg/mL (varies by lot)                               |
| Sequence Length                                | 308                                                     |
| Applicable Applications for anti-COPE antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)    |
| Immunogen                                      | Fusion protein of human COPE                            |
| Conjugation                                    | Unconjugated                                            |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using COPE Polyclonal Antibody at dilution of 1:50(×200)



#### WB (Western Blot)

Western blot analysis of 231 PC-3 Hela A375 HepG2 cell lysates using COPE Polyclonal Antibody at dilution of 1:350

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-COPE antibody | The product of this gene is an epsilon subunit of coatomer protein complex. Coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles. It is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. Coatomer complex consists of at least the alpha, beta, beta', gamma, delta, epsilon and zeta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified. |
| Product Categories/Family for anti-COPE antibody   | <a href="#">Signal Transduction</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 31542319                                 |
| NCBI GeneID                      | 11316                                    |
| NCBI Accession #                 | NP_009194.2; BC003155                    |
| NCBI GenBank Nucleotide #        | NP_009194.2                              |
| UniProt Accession #              | O14579                                   |
| Molecular Weight                 | 34 kDa                                   |
| NCBI Official Full Name          | coatomer subunit epsilon isoform a       |
| NCBI Official Synonym Full Names | coatomer protein complex subunit epsilon |
| NCBI Official Symbol             | COPE                                     |
| NCBI Official Synonym Symbols    | epsilon-COP                              |
| NCBI Protein Information         | coatomer subunit epsilon                 |
| UniProt Protein Name             | Coatomer subunit epsilon                 |
| UniProt Gene Name                | <b>COPE</b>                              |
| UniProt Synonym Gene Names       | Epsilon-COP                              |
| UniProt Entry Name               | COPE_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cope-antibody-immunohistochemistry-western-blot-elisa/176461>