

Rabbit COPA Polyclonal Antibody | anti-COPA antibody

COPA antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200187	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

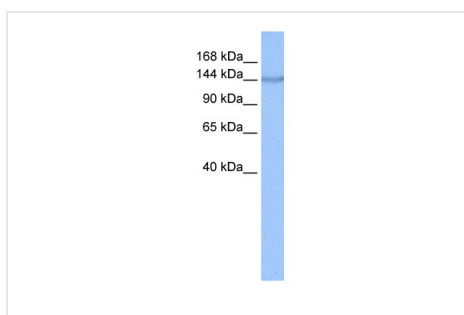
PRODUCT SYNONYMS

COPA; Polyclonal Antibody; COPA antibody - N-terminal region; anti-COPA antibody

PRODUCT SPECIFICATIONS

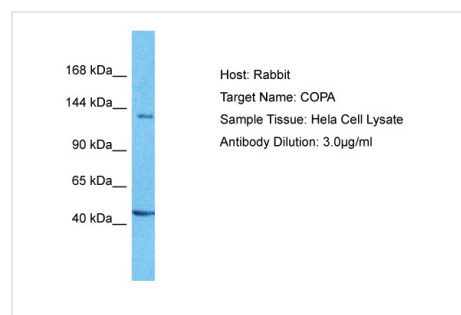
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PW ILTSLHNGVI QLWDYRMCTL IDKFDEHDGP VRGIDFHKQQ PLFVSGGD
Sequence Length	1224
Applicable Applications for anti-COPA antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 86%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 93%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human COPA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



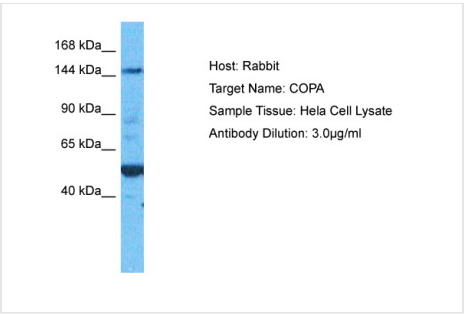
WB (Western Blot)

WB Suggested Anti-COPA Antibody Titration: 0.2-1 ug/ml
Positive Control: Hela cell lysate
COPA is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells



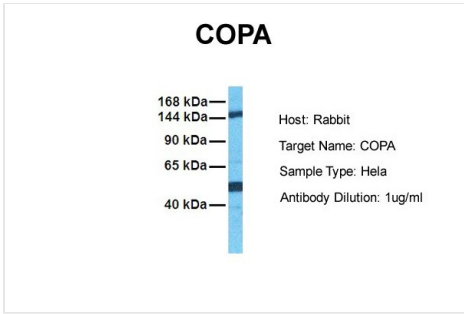
WB (Western Blot)

Host: Rabbit
Target Name: COPA
Sample Type: Hela Whole Cell lysates
Antibody Dilution: 3ug/ml



WB (Western Blot)

Host: RabbitTarget Name: COPASample Type: Hela Whole Cell lysatesAntibody Dilution: 3.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: COPASample Tissue: Human HelaAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-COPA antibody	This is a rabbit polyclonal antibody against COPA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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. 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.
Product Categories/Family for anti-COPA antibody	Polyclonal; Growth Factors & Hormones

NCBI AND UNIPROT INFORMATION

NCBI GI #	148536853
NCBI GeneID	1314
NCBI Accession #	NP_004362
NCBI GenBank Nucleotide #	NM_004371
UniProt Accession #	P53621
Molecular Weight	135kDa
NCBI Official Full Name	coatomer subunit alpha isoform 2
NCBI Official Synonym Full Names	coatomer protein complex subunit alpha
NCBI Official Symbol	COPA
NCBI Official Synonym Symbols	AILJK; HEP-COP; alpha-COP
NCBI Protein Information	coatomer subunit alpha
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
Online datasheet: <https://www.aaabiotech.com/polyclonal/copa-antibody-western-blot-elisa/200187>