

Rabbit anti-Human COPA Monoclonal Antibody | anti-COPA antibody

COPA Rabbit mAb

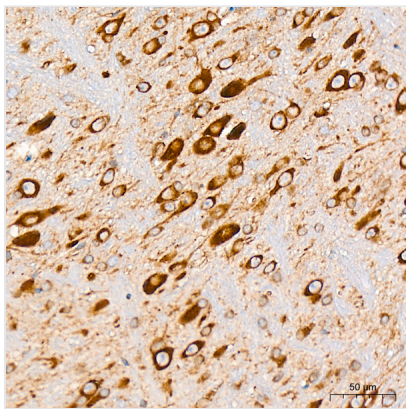
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28522	Rabbit	Human	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

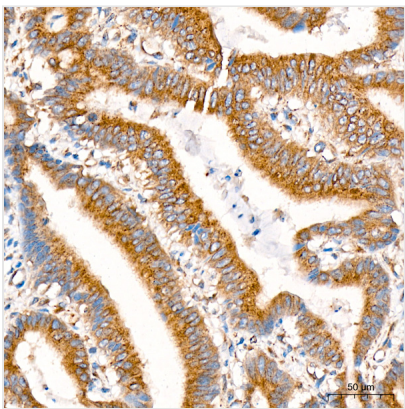
COPA; Monoclonal Antibody; COPA Rabbit mAb; AILJK; HEP-COP; alpha-COP; anti-COPA antibody

PRODUCT SPECIFICATIONS

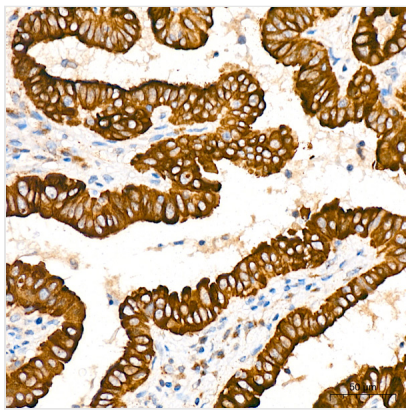
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MLTKFETKSA RVKGLSFHPK RPWILTSLHN GVIQLWDYRM CTLIDKFDEH DGPVRGIDFH KQQPLFVSGG DDYKIKVWNY KLRRCLFTLL GHLDYIRTTF
Applicable Applications for anti-COPA antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 1:500-1:1000 IHC-P: 1:50-1:200 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human COPA (P53621).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



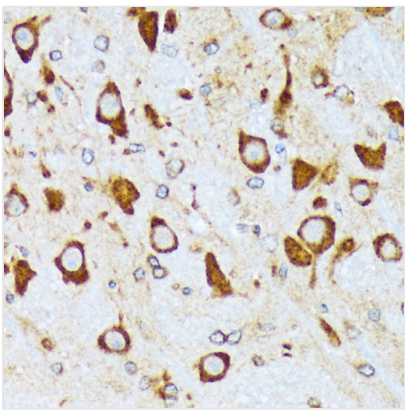
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using COPA Rabbit mAb (AAA28522) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



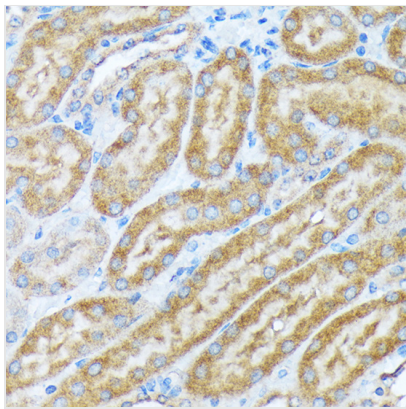
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using COPA Rabbit mAb (AAA28522) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



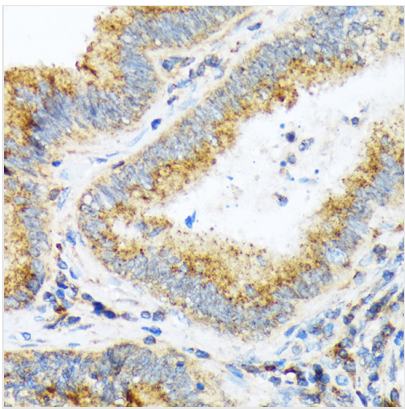
IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using COPA Rabbit mAb (AAA28522) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using COPA Rabbit mAb (AAA28522) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using COPA Rabbit mAb (AAA28522) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using COPA Rabbit mAb (AAA28522) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

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. Alternative splicing results in multiple splice forms encoding distinct isoforms.
Product Categories/Family for anti-COPA antibody	Signal Transduction; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	148536855
NCBI GeneID	1314
NCBI Accession #	NP_001091868.1; NP_004362.2
NCBI GenBank Nucleotide #	NM_001098398.1
UniProt Accession #	P53621; Q5T201; Q8IXZ9
Molecular Weight	Calculated MW: 138kDa
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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/copa-antibody-western-blot-immunohistochemistry-elisa/28522>