

Rabbit COPZ1 Polyclonal Antibody | anti-COPZ1 antibody

COPZ1 Antibody (N-term)

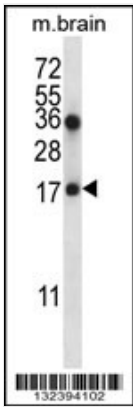
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290139	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	ELISA, Western Blot

PRODUCT SYNONYMS

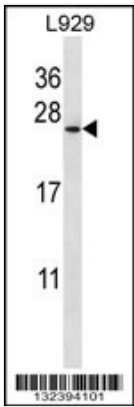
COPZ1; Polyclonal Antibody; COPZ1 Antibody (N-term); Coatomer subunit zeta-1; Zeta-1-coat protein; Zeta-1 COP; COPZ; anti-COPZ1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This COPZ1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of human COPZ1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.44 (varies by lot)
Sequence Positions	24-53
Sequence Length	160
Applicable Applications for anti-COPZ1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
COPZ1 Antibody (N-term) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the COPZ1 antibody detected the COPZ1 protein (arrow).



WB (Western Blot)
COPZ1 Antibody (N-term) western blot analysis in L929 cell line lysates (35ug/lane). This demonstrates the COPZ1 antibody detected the COPZ1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-COPZ1 antibody	The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate biosynthetic protein transport from the ER, via the Golgi up to the trans Golgi network. Coatomer complex is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. In mammals, the coatomer can only be recruited by membranes associated to ADP-ribosylation factors (ARFs), which are small GTP-binding proteins; the complex also influences the Golgi structural integrity, as well as the processing, activity, and endocytic recycling of LDL receptors (By similarity). The zeta subunit may be involved in regulating the coat assembly and, hence, the rate of biosynthetic protein transport due to its association-dissociation properties with the coatomer complex.
Product Categories/Family for anti-COPZ1 antibody	Signal Transduction
References	Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Lippincott-Schwartz, J., et al. Trends Cell Biol. 16 (10), E1-E4 (2006) : Wegmann, D., et al. Mol. Cell. Biol. 24(3):1070-1080(2004) Futatsumori, M., et al. J. Biochem. 128(5):793-801(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	414144867
NCBI GeneID	22818
NCBI Accession #	NP_001258663.1; NP_001258664.1; NP_001258665.1; NP_057141.1
NCBI GenBank Nucleotide #	NM_001271734.1
UniProt Accession #	P61923; Q549N6; Q9Y3C3; B4DDX8; B4DHz0; F8VS17; F8VWL5
Molecular Weight	20198
NCBI Official Full Name	coatomer subunit zeta-1 isoform 2
NCBI Official Synonym Full Names	coatomer protein complex, subunit zeta 1
NCBI Official Symbol	COPZ1
NCBI Official Synonym Symbols	COPZ; CGI-120; HSPC181; zeta-COP; zeta1-COP
NCBI Protein Information	coatomer subunit zeta-1
UniProt Protein Name	Coatomer subunit zeta-1

UniProt Gene Name	COPZ1
UniProt Synonym Gene Names	COPZ; Zeta-1 COP
UniProt Entry Name	COPZ1_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://stage.aaabiotech.com/polyclonal/copz1-antibody-western-blot-elisa/290139>