

Rabbit anti-Human, Mouse COPZ1 Polyclonal Antibody | anti-COPZ1 antibody

COPZ1 Antibody

CATALOG # AAA307526	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

COPZ1; Polyclonal Antibody; COPZ1 Antibody; CGI-120; coatomer protein complex; subunit zeta 1; COPZ; zeta1-COP; anti-COPZ1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total COPZ1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	154
Applicable Applications for anti-COPZ1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human COPZ1.
Target Name	COPZ1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma tissue using COPZ1 antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells and COS cells, using COPZ1 antibody.

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.Futatsumori M., J. Biochem. 128:793-801(2000).Lai C.-H., Genome Res. 10:703-713(2000).Zhang Q.-H., Genome Res. 10:1546-1560(2000)
Product Categories/Family for anti-COPZ1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	414144867
NCBI GeneID	22818
NCBI Accession #	NP_001258663.1
NCBI GenBank Nucleotide #	NM_001271734.1
UniProt Accession #	P61923; Q549N6; Q9Y3C3; B4DDX8; B4DHZ0; F8VS17; F8VWL5
Molecular Weight	18,374 Da
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.