

COP ζ 1 rabbit pAb**Cat#: orb764905 (Manual)**

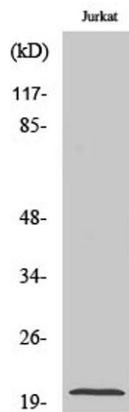
For research use only. Not intended for diagnostic use.

Product Name	COP ζ 1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Monkey
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human COPZ1. AA range:11-60
Specificity	COP ζ 1 Polyclonal Antibody detects endogenous levels of COP ζ 1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Coatomer subunit zeta-1
Gene Name	COPZ1
Cellular localization	Cytoplasm . Golgi apparatus membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic vesicle, COPI-coated vesicle membrane ; Peripheral membrane protein ; Cytoplasmic side . The coatomer is cytoplasmic or polymerized on the cytoplasmic side of the Golgi, as well as on the vesicles/buds originating from it. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

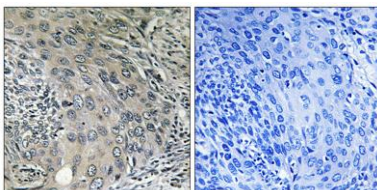
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	22818
Human Swiss-Prot Number	P61923
Alternative Names	COPZ1; COPZ; CGI-120; HSPC181; Coatomer subunit zeta-1; Zeta-1-coat protein; Zeta-1 COP

Background

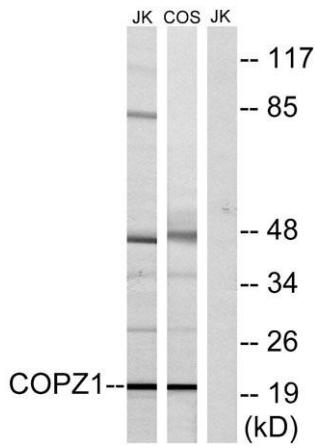
This gene encodes a subunit of the cytoplasmic coatamer protein complex, which is involved in autophagy and intracellular protein trafficking. The coatomer protein complex is comprised of seven subunits and functions as the coat protein of coat protein complex (COP)I-vesicles. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012],



Western Blot analysis of various cells using COP ζ 1 Polyclonal Antibody diluted at 1:500



Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma tissue, using COPZ1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat and COS cells, using COPZ1 Antibody. The lane on the right is blocked with the synthesized peptide.