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Datasheet for ABIN7148024  
**anti-COPZ1 antibody (AA 1-177) (FITC)**

### Overview

Quantity:	100 µg
Target:	COPZ1
Binding Specificity:	AA 1-177
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPZ1 antibody is conjugated to FITC
Application:	Please inquire

### Product Details

Immunogen:	Recombinant Human Coatomer subunit zeta-1 protein (1-177AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

### Target Details

Target:	COPZ1
Alternative Name:	COPZ1 ( <a href="#">COPZ1 Products</a> )
Background:	Background: The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate

## Target Details

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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.

Aliases: COPZ1 antibody, COPZ antibody, CGI-120 antibody, HSPC181 Coatomer subunit zeta-1 antibody, Zeta-1-coat protein antibody, Zeta-1 COP antibody

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UniProt: [P61923](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.