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Datasheet for ABIN2854510

anti-COPG antibody



Overview Quantity: 1

Quantity:	100 μL
Target:	COPG
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPG antibody is un-conjugated

Application: Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human COPG. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to COPG (coatomer protein complex, subunit gamma) COPG antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	COPG
Alternative Name:	coatomer protein complex subunit gamma 1 (COPG Products)

Target Details

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 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.

Cellular Localization: Cytoplasm , Golgi apparatus membrane, Peripheral membrane protein, Cytoplasmic side , Cytoplasmic vesicle , COPI-coated vesicle membrane, Peripheral membrane protein, Cytoplasmic side , Cytoplasm , Golgi apparatus membrane , Cytoplasmic vesicle , COPI-coa

98 kDa

Gene ID:

22820

UniProt:

Q9Y678

Application Details

Λn	nligation	n Notes:
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Optimal working dilution should be determined by the investigator.

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Concentration:	0.42 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid	

multiple freeze-thaw cycles.