

Product Datasheet

COPG2 Antibody NB300-521

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB300-521

COPG2 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 1 mg/ml BSA

Product Description	
Host	Rabbit
Gene ID	26958
Gene Symbol	COPG2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to residues M(1) T T Y L E F I Q Q N E E R D G V R (18) C of rat COPII.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 2 ug/ml, Immunocytochemistry/Immunofluorescence 1:10 - 1:200
Application Notes	Useful in WB. WB: Detects an approx. 85 kDa protein representing COPII from PC-12 cell extract. May be useful in ICC and IP as reported in scientific literature.

Publications

Nakajima K, Hirose H, Taniguchi M et al. Involvement of BNIP1 in apoptosis and endoplasmic reticulum membrane fusion. EMBO J 2004-08-18 [PMID: 15272311] (IP)

Brandon E, Szul T, Alvarez C, Grabski R, Benjamin R, Kawai R, Sztul E. On and off membrane dynamics of the endoplasmic reticulum-golgi tethering factor p115 in vivo. Mol Biol Cell;17(7):2996-3008. 2006-07-01 [PMID: 16624868] (ICC/IF)

Ridsdale A, Denis M, Gougeon PY, Ngsee JK, Presley JF, Zha X. Cholesterol is required for efficient endoplasmic reticulum-to-Golgi transport of secretory membrane proteins. Mol Biol Cell;17(4):1593-605. 2006-04-01 [PMID: 16452637] (ICC/IF)

Altan-Bonnet N, Sougrat R, Liu W, Snapp EL, Ward T, Lippincott-Schwartz J. Golgi inheritance in mammalian cells is mediated through endoplasmic reticulum export activities. Mol Biol Cell;17(2):990-1005. 2006-02-01 [PMID: 16314396] (ICC/IF)

Mardones GA, Snyder CM, Howell KE. Cis-Golgi matrix proteins move directly to endoplasmic reticulum exit sites by association with tubules. Mol Biol Cell;17(1):525-38. 2006-01-01 [PMID: 16251359] (ICC/IF)

Gusarova V, Brodsky JL, Fisher EA. Apolipoprotein B100 exit from the endoplasmic reticulum (ER) is COPII-dependent, and its lipidation to very low density lipoprotein occurs post-ER. J Biol Chem;278(48):48051-8. 2003-11-28 [PMID: 12960170] (IP)

Kondylis V, Rabouille C. A novel role for dp115 in the organization of tER sites in Drosophila. J Cell Biol;162(2):185-98. 2003-07-21 [PMID: 12876273] (ICC/IF)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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