



COPG2 Mouse mAb

Catalog No	YP-mAb-19501
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	COPG2
Immunogen	Synthesized peptide derived from human COPG2. AA range:407-477
Specificity	This antibody detects endogenous levels of COPG2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	COPG2;Coatomer subunit gamma-2 (Gamma-2-coat protein) (Gamma-2-COP)
Observed Band	
Calculated Molecular Weight	96kD
Cell Pathway	Cytoplasm , cytosol . 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. Tends to be more abundant in the trans-Golgi network compared to the cis-Golgi. .
Tissue Specificity	
Function	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) .



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images