

COPG2 rabbit pAb

Catalog No :	YN7254
Reactivity :	Human;Mouse
Applications :	WB
Target :	COPG2
Gene Name :	COPG2
Protein Name :	Coatomer subunit gamma-2 (Gamma-2-coat protein) (Gamma-2-COP)
Human Gene Id :	26958
Human Swiss Prot No :	Q9UBF2
Mouse Gene Id :	54160
Mouse Swiss Prot No :	Q9QXK3
Immunogen :	Synthesized peptide derived from human COPG2
Specificity :	This antibody detects endogenous levels of COPG2 at Human, Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 96kD

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).

Subcellular Location : 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. .

Sort : 25931

No4 : 1

Host : Rabbit

Modifications : Unmodified

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