COPG2 antibody

Product Information

Catalog No.:	FNab01867
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months(Avoid repeated freeze / thaw cycles.)

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(By similarity).

Immunogen information

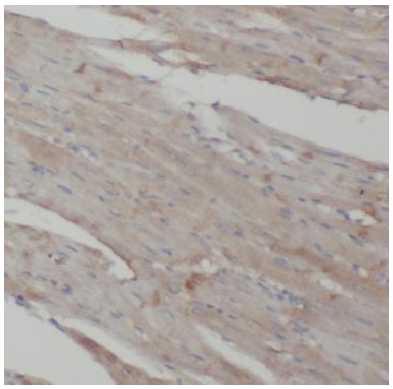
Immunogen:	coatomer protein complex, subunit gamma 2
Synonyms:	Coatomer subunit gamma-2|Gamma-2-coat protein (Gamma-2-COP)|COPG2
Observed MW:	98 kDa
Uniprot ID :	Q9UBF2

Application

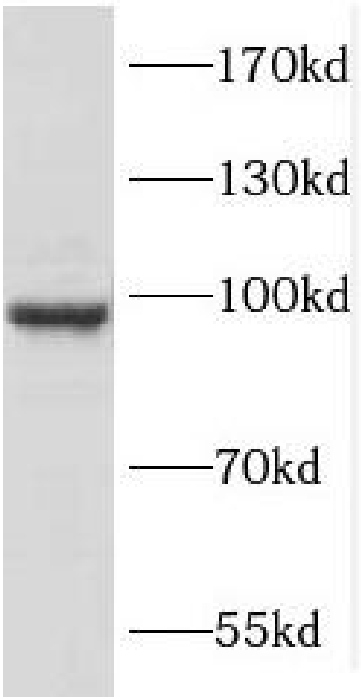
Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human heart using FNab01867(COPG2 antibody) at dilution of 1:50



mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab01867(COPG2 antibody) at dilution of 1:1000