anti- COPZ1 antibody

Product Information

Catalog No.:	FNab01875
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). The zeta subunit may be involved in regulating the coat assembly and, hence, the rate of biosynthetic protein transport due to its association-dissociation properties with the coatomer complex.

Immunogen information

Immunogen:	coatomer protein complex, subunit zeta 1
Synonyms:	COPZ
Observed MW:	20 kDa
UniprotID :	P61923

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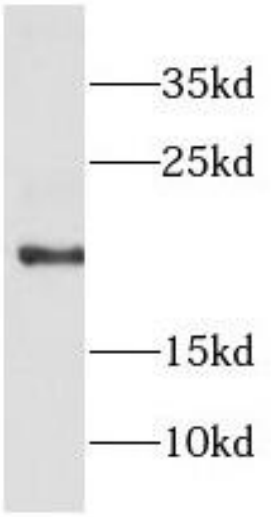
Application

Reactivity: Human, Mouse, Rat, Monkey

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



K-562 cells were subjected to SDS PAGE followed by western blot with FNab01875(COPZ1 antibody) at dilution of 1:500

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