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COPB rabbit pAb

Cat No.:ES11764

For research use only

Overview

Product Name	COPB rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein AA range: 865-915
Specificity	COPB Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	Coatomer subunit beta (Beta-coat protein) (Beta-COP)
Gene Name	COPB1 COPB MSTP026
Cellular localization	Cytoplasm. Golgi apparatus membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasmic vesicle, COPI-coated vesicle membrane; Peripheral membrane protein ; Cytoplasmic side . Cell membrane . Endoplasmic reticulum-Golgi intermediate compartment . The coatomer is cytoplasmic or polymerized on the cytoplasmic side of the Golgi, as well as on the vesicles/buds originating from it (By similarity). Proteolytic cleavage by CAPN8 triggers translocation from Golgi to cytoplasm (By similarity). Found in perinuclear vesicular-tubular clusters (VTCs) and in the Golgi region where associated with vesicles, buds and rims of the Golgi stack (By similarity). Occasionally present at the trans-side of Golgi, but mainly present at the cis-Golgi side in transitional areas (TA), on so-called periph
Purification	The antibody was affinity-purified from rabbit

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	antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	104kD
Human Gene ID	1315
Human Swiss-Prot Number	P53618
Alternative Names	
Background	This gene encodes a protein subunit of the coatomer complex associated with non-clathrin coated vesicles. The coatomer complex, also known as the coat protein complex 1, forms in the cytoplasm and is recruited to the Golgi by activated guanosine triphosphatases. Once at the Golgi membrane, the coatomer complex may assist in the movement of protein and lipid components back to the endoplasmic reticulum. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009],

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