# antibodies -online.com







# anti-COPB1 antibody (AA 531-630)

**Images** 



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Quantity:	100 μL
Target:	COPB1
Binding Specificity:	AA 531-630
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPB1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

# **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human beta COP
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.
Tanad Dataila	

# Target Details

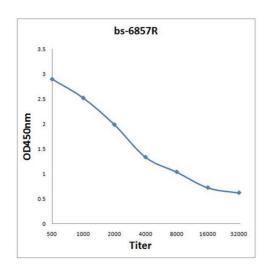
# **Target Details**

Alternative Name:	beta COP (COPB1 Products)	
Background:	Synonyms: Beta-coat protein, betacop, Coatomer beta subunit, Coatomer protein complex	
	subunit beta 1, Coatomer protein complex subunit beta, Coatomer subunit beta, COPB, COPB1	
	DKFZp761K102, FLJ10341.	
	Background: The Golgi complex is a key organelle where processing and sorting of newly	
	synthesized proteins occurs. Membrane traffic from the endoplasmic reticulum (ER) to the	
	Golgi complex and from the Golgi complex to the different final cellular destinations is believed	
	to be mediated by carrier vesicles. Two populations of coated vesicles mediate biosynthetic	
	membrane traffic between the different membrane-bound compartments. Clathrin-coated	
	vesicles carry proteins to endocytic organelles and secretory granules, whilst non-clathrin-	
	coated vesicles are involved in intra-Golgi transport and transport from the ER to the Golgi	
	complex. Beta COP is a member of a set of protein which are believed to associate with the	
	non-clathrin coated vesicles. Golgi-derived non-clathrin-coated vesicles are believed to act as	
	bulk carriers, whereas clathrin-coated vesicles carry a selective cargo of membrane proteins.	
Gene ID:	1315	
Application Details		
Application Notes:	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	

# Handling

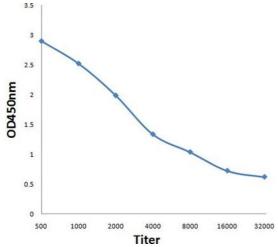
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

# **Images**



## **ELISA**

**Image 1.** Antigen: 0.2  $\mu$ g/100  $\mu$ L Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



## **ELISA**

Image 2. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm