antibodies.com

Datasheet for ABIN884844 anti-COPB1 antibody (AA 531-630) (Alexa Fluor 488)



Overview

Quantity:	100 µL
Target:	COPB1
Binding Specificity:	AA 531-630
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPB1 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded
	Sections) (IF (p))

Product Details

Target Details	
Purification:	Purified by Protein A.
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Chicken
Cross-Reactivity:	Human
lsotype:	lgG
Immunogen:	KLH conjugated synthetic peptide derived from human beta COP

Target:	COPB1
Alternative Name:	beta COP (COPB1 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN884844 | 03/07/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
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:	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:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/2 | Product datasheet for ABIN884844 | 03/07/2024 | Copyright antibodies-online. All rights reserved.