

## Datasheet for ABIN631472

## anti-COG2 antibody (N-Term)





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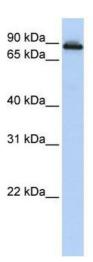
O V CI VIC VV			
Quantity:	100 μL		
Target:	COG2		
Binding Specificity:	N-Term		
Reactivity:	Human, Rat, Mouse		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This COG2 antibody is un-conjugated		
Application:	Western Blotting (WB)		
Product Details			
Immunogen:	COG2 antibody was raised using the N terminal of COG2 corresponding to a region with amino		
	acids KRVQLEELRDDLELYYKLLKTAMVELINKDYADFVNLSTNLVGMDKALNQ		
Specificity:	COG2 antibody was raised against the N terminal of COG2		
Purification:	Affinity purified		
Target Details			
Target:	COG2		
Alternative Name:	COG2 (COG2 Products)		
Background:	Multiprotein complexes are key determinants of Golgi apparatus structure and its capacity for		
	intracellular transport and glycoprotein modification. Several complexes have been identified,		
	including the Golgi transport complex (GTC), the LDLC complex, which is involved in		

## **Target Details**

Storage Comment:

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	glycosylation reactions, and the SEC34 complex, which is involved in vesicular transport. These 3 complexes are identical and have been termed the conserved oligomeric Golgi (COG)	
	complex, which includes COG2.	
Molecular Weight:	83 kDa (MW of target protein)	
Application Details		
Application Notes:	WB: 1 μg/mL	
	Optimal conditions should be determined by the investigator.	
Comment:	COG2 Blocking Peptide, catalog no. 33R-4640, is also available for use as a blocking control in	
	assays to test for specificity of this COG2 antibody	
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of COG2 antibody in PBS	
Concentration:	Lot specific	
Buffer:	PBS	
Handling Advice:	Avoid repeated freeze/thaw cycles.	
	Dilute only prior to immediate use.	
Storage:	4 °C/-20 °C	

Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



## **Western Blotting**

**Image 1.** COG2 antibody used at 1 ug/ml to detect target protein.