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Datasheet for ABIN391631 anti-COG4 antibody (C-Term)

4 Images



Overview

Quantity:	400 µL
Target:	COG4
Binding Specificity:	AA 757-785, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded
	Sections) (IHC (p))

Product Details

Immunogen:	This COG4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 757-785 amino acids from the C-terminal region of human COG4.
Clone:	RB17914
Isotype:	Ig Fraction
Predicted Reactivity:	В
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

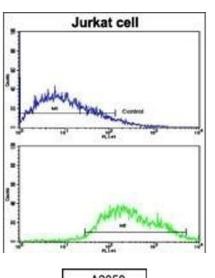
Target Details

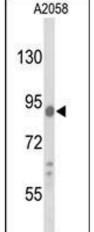
Target:	COG4
Alternative Name:	COG4 (COG4 Products)

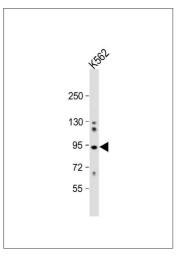
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Target Details		
Background:	Multiprotein complexes are key determinants of Golgi apparatus structure and its capacity for intracellular transport and glycoprotein modification. Several complexes have been identified, including the Golgi transport complex (GTC), the LDLC complex, which is involved in 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 COG4.	
Molecular Weight:	89083	
Gene ID:	25839	
NCBI Accession:	NP_001182068, NP_056201	
UniProt:	Q9H9E3	
Application Details		
Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	

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Flow Cytometry

Image 1. Flow cytometric analysis of jurkat cells using COG4 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goatanti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Western Blotting

Image 2. Western blot analysis of COG4 Antibody (C-term) (ABIN391631 and ABIN2841548) in cell line lysates (35μ g/lane). COG4 (arrow) was detected using the purified Pab.

Image 3. Anti-COG4 Antibody (C-term) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase

conjugated at 1/10000 dilution. Predicted band size : 89 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN391631.

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