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Datasheet for ABIN719366

## anti-COG1 antibody (AA 501-600)

1 Image

1 Publication

### Overview

Quantity:	100 µL
Target:	COG1
Binding Specificity:	AA 501-600
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human COG1
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	COG1
Alternative Name:	COG1 ( <a href="#">COG1 Products</a> )

## Target Details

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Background: Synonyms: LDLB, CDG2G, Conserved oligomeric Golgi complex subunit 1, COG complex subunit 1, Component of oligomeric Golgi complex 1, COG1, KIAA1381  
Background: Required for normal Golgi function.

Gene ID: 9382

UniProt: [Q8WTW3](#)

## Application Details

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Application Notes: WB 1:300-5000  
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  
IP(1-2 µg)

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C, -20 °C

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

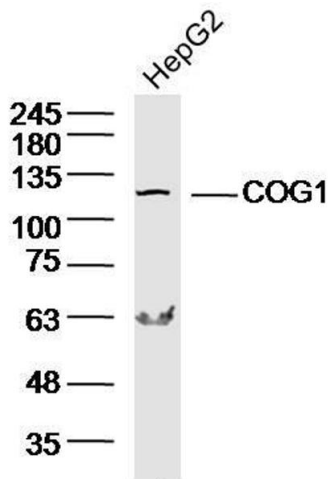
Expiry Date: 12 months

## Publications

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Product cited in: Dechtawewat, Paemane, Roytrakul, Songprakhon, Limjindaporn, Yenchitsomanus, Saitornuang, Puttikhunt, Kasinrer, Malasit, Noisakran: "Mass spectrometric analysis of host

cell proteins interacting with dengue virus nonstructural protein 1 in dengue virus-infected HepG2 cells." in: **Biochimica et biophysica acta**, Vol. 1864, Issue 9, pp. 1270-80, (2016) ([PubMed](#)).



#### Western Blotting

**Image 1.** Lane 1: HepG2 lysates probed with COG1 Polyclonal Antibody, Unconjugated at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:10000 for 90 min at 37°C.