



Anti-COG8 (internal region) polyclonal antibody (DPAB-DC3476)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that is a component of the conserved oligomeric Golgi (COG) complex, a multiprotein complex that plays a structural role in the Golgi apparatus, and is involved in intracellular membrane trafficking and glycoprotein modification. Mutations in this gene cause congenital disorder of glycosylation, type IIh, a disease that is characterized by under-glycosylated serum proteins, and whose symptoms include severe psychomotor retardation, failure to thrive, seizures, and dairy and wheat product intolerance.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human COG8. The sequence is C-KAIQETVEKFQEE
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	COG8 component of oligomeric golgi complex 8 [Homo sapiens (human)]
Official Symbol	COG8
Synonyms	COG8; component of oligomeric golgi complex 8; DOR1; CDG2H; conserved oligomeric Golgi complex subunit 8; dependent on RIC1; COG complex subunit 8; conserved oligomeric golgi complex component 8;
Entrez Gene ID	84342
Protein Refseq	NP_115758
UniProt ID	A0A024R6Z6
Chromosome Location	16q22.1