COG8 polyclonal antibody

Catalog # PAB15620 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised aganist synthetic peptide of COG8.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human COG8.
Sequence	C-KAIQETVEKFQEE
Host	Goat
Theoretical MW (kDa)	68.4
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — COG8

Entrez GeneID	84342
Protein Accession#	NP_115758.3
Gene Name	COG8
Gene Alias	DOR1, FLJ22315
Gene Description	component of oligomeric golgi complex 8
Omim ID	606979 611182
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	conserved oligomeric golgi complex component 8|dependent on RIC1

Publication Reference

- A new inborn error of glycosylation due to a Cog8 deficiency reveals a critical role for the Cog1-Cog8 interaction in COG complex formation.

  Foulquier F, Ungar D, Reynders E, Zeevaert R, Mills P, Garcia-Silva MT, Briones P, Winchester B, Morelle W, Krieger M, Annaert W, Matthijs G.

  Human Molecular Genetics 2007 Jan; 16(7):717.