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Datasheet

COG8 polyclonal antibody

Catalog Number: PAB15620

Regulation Status: For research use only (RUO)

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

Applications: ELISA
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

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.

Entrez GeneID: 84342

Gene Symbol: COG8

Gene Alias: DOR1, FLJ22315

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]

References:

1. 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. Hum Mol Genet. 2007 Apr 1;16(7):717-30. Epub 2007 Jan 12.