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CGB2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17908A

Product Information

Application	WB, E
Primary Accession	Q6NT52
Other Accession	A6NKQ9
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB30423
Calculated MW	17374
Antigen Region	1-30

Additional Information

Gene ID	114336
Other Names	Choriogonadotropin subunit beta variant 2, CGB2
Target/Specificity	This CGB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CGB2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CGB2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

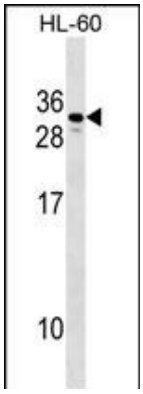
Protein Information

Name	CGB2
Cellular Location	Secreted.
Tissue Location	Expressed in placenta, testis and pituitary.

Background

RelevanceHuman chorionic gonadotropin (hCG) is a glycoprotein hormone produced by trophoblastic cells of the placenta beginning 10 to 12 days after conception. Maintenance of the fetus in the first trimester of pregnancy requires the production of hCG, which binds to the corpus luteum of the ovary which is stimulated to produce progesterone which in turn maintains the secretory endometrium. The beta subunit of chorionic gonadotropin (CG) is encoded by 6 highly homologous genes which are arranged in tandem and inverted pairs on chromosome 19q13.3, and contiguous with the luteinizing hormone beta subunit gene.

Images



CGB2 Antibody (N-term) (Cat. #AP17908a) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the CGB2 antibody detected the CGB2 protein (arrow).