

**CGB1 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17908A**

**Specification**

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**CGB1 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">A6NKO9</a>
Other Accession	<a href="#">A6NKO9</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1-30

**CGB1 Antibody (N-term) - Additional Information**

**Gene ID** 114335

**Other Names**

Choriogonadotropin subunit beta variant 1, CGB1

**Target/Specificity**

This CGB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CGB1.

**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**

CGB1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CGB1 Antibody (N-term) - Protein Information**

**Name** CGB1

**Cellular Location**

Secreted.

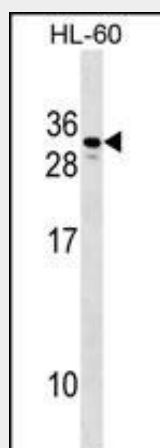
**Tissue Location**

Expressed in placenta, testis and pituitary.

**CGB1 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CGB1 Antibody (N-term) - Images**

CGB1 Antibody (N-term) (Cat. #AP17908a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the CGB1 antibody detected the CGB1 protein (arrow).

**CGB1 Antibody (N-term) - Background**

Relevance Human 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.