

Product Name: Choriogonadotropin β Rabbit Polyclonal Antibody**Catalog #: APRab08777**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	20kDa

Antigen Information

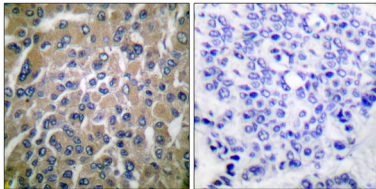
Gene Name	CGB
Alternative Names	CGB; CGB3; CGB5; CGB7; CGB8; Choriogonadotropin subunit beta; CG-beta; Chorionic gonadotrophin chain beta
Gene ID	1082/93659/94027/94115
SwissProt ID	P01233
Immunogen	The antiserum was produced against synthesized peptide derived from human hCG beta. AA range:101-150

Background

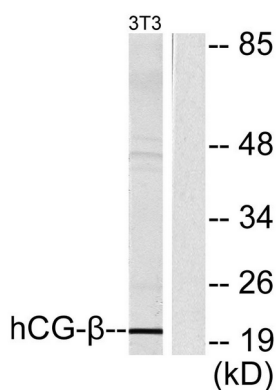
This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq, Jul 2008],developmental stage:Made by the first trimester placenta.,function:Stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy.,online information:Chorionic gonadotropin entry,pharmaceutical:Available under the names Novarel (Ferring) and Profasi (Serono). Used as adjunctive therapy in the treatment of obesity. There is no substantial evidence that it increases weight loss beyond that resulting from caloric restriction, that it causes a more attractive or 'normal' distribution of fat, or that it decreases the hunger and discomfort associated with calorie-restricted diets.,similarity:Belongs to the glycoprotein hormones subunit beta family.,subunit:Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin.,tissue specificity:Placenta.,

Research Area

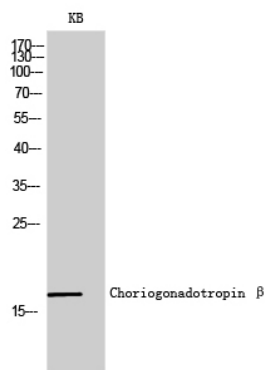
Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using hCG beta Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using hCG beta Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of KB cells using Choriogonadotropin β Polyclonal Antibody diluted at 1: 2000